Drawing World Line to World Sheet

:Through the Categorical Persistence of Anomaly Structures Since Time Crystal Entropy

Edwin VanGorder

That Entropy at the quantum anomaly is now questionably accounted for and driving new physics the status of The Napoleonic Equation which structures a right angle random walk (in proper language will now be “chaotic walk” per distinction between randomness/chaos)…: relates to the interesting “Geode” of Norman Wilderberger and Dean Sabine per Catalan numbers and a combinatoric counting which is outside of size restrictions, but focuses on polytope and in this regard fits horizons of Category theory generally while leaving the entirely mathematical proposition very open to the general consideration of proceeding from the corrective lenses of the Infra Red and Ultra Violet cut off on the Time /Space and Bundle concept to World line side relative then the World Sheet and tangle form of String theory

in which is more a calibration through the structural aptitude and easier reading of higher dimensions which then interface with the Space Time via ADS/Conformal Field Fheory...

Time Crystal of Pre Lost Microsecond ie earliest cosmogenesis where time and space as separate locate time as then something like a time crystal which at Expansion and codefining there as space time carries in their context of expansion the exploding of quantum impurities as introducing entropy and thus probability and matter/anti matter, dark energy, dark matter and anomaly...at Universal Expansion...Since categorically this places where we started out so to speak the relation of the ctrystaline combinatoric count becomes intriguing.

approaching quantum anomaly... loss of information is a phrase worth examining toward what is information in the first place: I might posit infinity is field only in retrospect meaning that at beginning space and time seperate, the space of energy in and of itself infinite energy meaning a quantum pure state is that... the expansion pulling impurities in that gathering entropy forming matter at probability meeting at Cosmic expansion and the anomoly precisely where it started in a way... the meeting of infinity here held to be confounding and it has the callibration mode of the cut offs on world line and the more holographic string adjustment to reading a filtering so my question is why would not infinity theory categorically find infinities perfectly natural where they live which is at quantum density... this may relate a question

wave not recieving an answer but just as well at origins the morphology which branched what we are phenomenally aware of can best be appreciated as having potentials on the string side we could try to understand...

The Lazy Mathematician, the Forgetful Functor and the Polylinear Apeirogon Parallel Transport and Angular Momentum of Trans-Complementary Oscilatory Mometum Commutators:

The relative layers of the Mavcro, Planck, Sub Planck, and a proviso of relation between that densit purity in pre lost micros second regime where the separation between time and space made whole to expansion and the exploding of quantum impurities into the consequent enropy of probability to matter

and determinism meet also the Cosmic expansion at quantum anomaly as the mirror one might say of that entanglement duality…how the layers interact in relation to two infinities recalls then the cautionary Dirac note about “neglecting infinities”… the universal constant A is in relation to vacua Eve and they relate well as coinforming vial world sheet to world line in the ADS/CFt formality of which the Langlands element may be related mathematically in this constant towards a furtherance where the Geode mode of Dean Sabine offers the combinatoric for relating to infininities outside of scale reduction and the Perelman surger which is a kind of embedding suggests that towards Fibonacci anyons and vortex the Fibonacci relation to unity and module suggest per our previous discussion on

positing a forbidden number that in the non commutative context the proportion within a unity field represented by its complement, and the simultaneous presentation of the module sans limit is like that restriction and so introduces the noncommutative context ...without our help then it would appear Nature finds infinity natural and the collapse of the Time Space smoothness is only due to not relating infinities as natural via trying to prove calculus rather than the matter at hand as it stands to naturalness...and nature then places a Category theory of its own not at a sudden divergence of dimensons possible but relating Macro, Plank, Plank to intentse density, electric charge of quarks and electromagnetic fuction all sorting across partial combinations similar to relating

Casimir plates and Josephson junctions in compressed materials

Anomaly Redux

In evaluating the Ping Pong match between incommensurate infinities at the Quantum Anomaly: I consult: The Geode mode which allowed the overcoming of Gallois Calculus restrictions on polynomials and engages a combinatoric of counting outside of the scale of dimensions which then promises to allow us to no longer neglect infinities… or perhaps more properly reading the scale of decoherence with mathematical tools beyond smooth world sheet mode such as the geode, Langlands Hecht sheaves, and Perelman towards a Categorical and higher topo’s mode engage noncommutative regimes at the level of interaction not separate but including the resonances upon

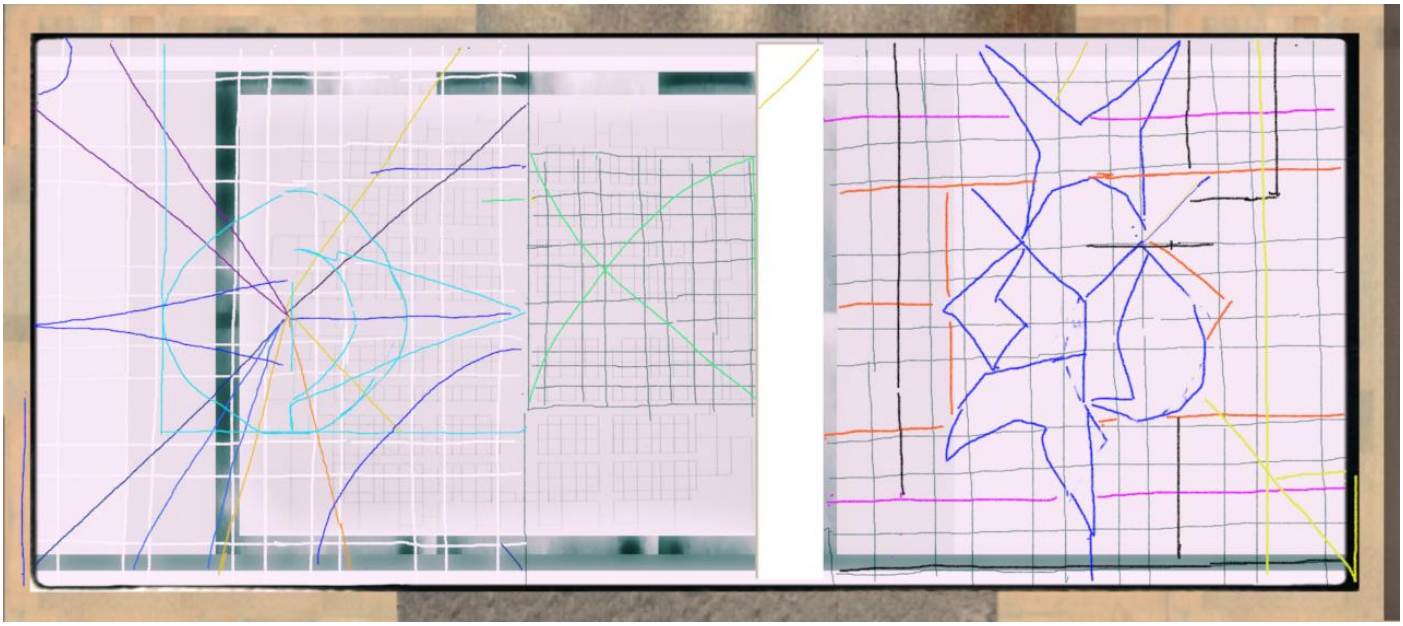
the scale of gravity well in quantum as responding to Macro levels, Fibonacci and Vortex Anions, Electromagnetic and Quark electric charge, how these effect each in proxemics, like the effects of Casimir plates and Josephson junctions intrigues me for example at the Fibonacci anion as a clue there relating unity to module toward a question this drawing addresses as to how might one represent sheer randomness of the quantum… given any gesture at all in this determinative world will stay determinative…this is necessary to represent somehow because it Is the absolute density of the pure energy of pre Expansion Cosmogenesis which populating time and space there separate and via Expansion carrying resonance of quantum flux impurities in deterministic entropy as

creating probability space and material which meets the cosmic expansion at the quantum level as dual and entangled... for the sake of the drawing I take the tact of identifying a proportion which to compares with the Fibonacci golden section relates unity as enclosing the module and the module outside unity, similarly then I give a proportion specifically .7339 as “forbidden” meaning that it is taken as the equivalent of that number as it might in fact arrive in a truly random context and indicate this source by not using it, it there fore relates to infinity in that mode but I do reference derivatives the difference being that in the reference they pertain to their complements whereas the quantum has no complement... the number .7339 is in reciprocal 1.292 where .292 is the goldens section version of the square root of

two as .708 is three times .236 the third turn of the spiral... and it equals .6336 +.6584 per the 1.292 measure where .6336 is unity plus the square root of three and .6584 in reciprocal is 1.7854 where .7854 times four is pi and the complement is the reciprocal of the Feignebaum and .518 plus .7739 where .7739 is the reciprocal of 1.292 then add to 1.292... .518 as 1.927 is doubled 2.854 or 1.854 plus unity and 1.854 three times the golden section module... in the drawing I give the region of angles as both proper to the page, and then again become independent variables and branching from the corner as jet like or bundle like forms...

The drawing uses a y-cleft frame to show the polygon forms which count the side reference of manifolds, and also the star

shaped inversion of these influencing a rotational view...



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The Examined Life of Mathematical and Physical Unity over Polymorphous Content

While one could posit a cosmogenesis on the numberline there is to consider that Physics and Mathematics relative any Theory of Everything or Grand Unified Theory have there and in the inbetween space a fundamental difference between what they respectively mean by unity and which is bridged so subconsciously one can take a second look at it for the sake of clarity... Physics tends to occupy a Gstalt or an object generating space, like the ideal of the Byzantine Icon... morphological in GR context and this world line given a view to the World sheet is in that realm met by the mathematical sense of unity in which essentially the idea of the Greek Gnomon

space is “earned” by the creation of a complement…strictly speaking one might say the physics is more modular and math more unitary were it non for the confusing tact that Physics sums all to a unity as it’s program and therein the vision blurs and not uproductively as the bridges between the two create the highly effective and profound Category Theory….the spin matrices are an elegant bridge and group theory and mathematical fields then give analogs to physics per phenomena and primacy but how would you classify any attempt to sort these structure such as have been made also for the sake of clarity?

the noncommutative extends as in relation to commutative by difference certainly but this comparison as such I would hazzard is

different than saying one is actually embedded in the other… their unity as such then is that the smooth could be a deformation of the rough or the rough of the smooth but in the wrapping mode the rough has been mapped smooth, the smooth on the other hand could be mapped as an editing process on the rough in an alternate view…

so while physics has a gestalt impulse to unity and mathematics more the idea of earned complement the interesting aspect I gradually learn is that the Hopff fibration mapping three dimensions to the world sheet and wrapping on that model is a model, not actually embedding and therefore one could posit the rough wrapped around the smooth, so from origins the graduated filter on entropy

as it collects a unity view has this dual aspect, the Hopff fibration unity a special case of the nonmcommutative or the non commuttative derived from mapping 2 and three dimensions basically t o preserve the idea of tuples as carrying the meaning of an "image" in production...

Therefore with string and world sheet duals pretty much Ads/CFt and balanced view on Hopff fibration representation we can still turn the problem over...if at Planck level the world line point metrics evolve towards a blackhole status while calabai yau like petaling inhabits the sheet side (and the translation from bundle metrics to tangles as a morphology to bring into the conversation relative the use of metrics and bases as smooth: then potential view of the 3 d world

as a special case of the noncommutative in contrapsosition of the noncommutative being a special case would mark the 3d world as a kind of singularity or singleton which expresses singularity at the point where cosmogenesis Expansion meets cosmic Expansion at the anomaly which is their entanglement... if the string dimension grant a limit say 26 and we compare this with Mostrous Moon shine, the exceptional cases of Monstrous moonshine suggest then that relating dimensions to string vaccua has to take into account vaccua density and these are not integer productions... that the symbol of unitary thinking taken to a sphere and projected as a scheme of reference by mapping smooth on rough could just as well be rough on smooth brings in the question of the base ie what is the composition where we

move to c^58 and that vaccu or c^198 and eve 9000 moreover using a hopff fibration which has explained itself as a Hoppf quantum Galois extension which in and of iself is a wraparound context...

the substitution of a Beltrami operator over Galois reinforcs the Hopff smoothness... the Hopff in fact can introduce smooth dimension reduction analysis over the wrapping of brane... at the anomaly however the breakdown has to do with something like this dimensional reduction no longer the right choice and likewise... smoothness can be considered a special case of the non commutative.. and as the metric becomes black holes there is the interesting aspect that the three dimensional world is a kind of singularity in this view (source of the "we are

living in a black hole " idea)...so the history of the Hopff is that it aquired of necessity a quantum adjustment which highlights the fact it smooths over dimensions even as it can be used to elicit a guage... in the case of considering extended dimnsions per vacua the relations and extension take in greater complexity in the formation of a guage which can be smoothed away or not depending on purpose and outlook...

In-Drawing :The Examined Life of Mathematical and Physical Unity over Polymorphous Content part 2

The general idea that per the Quanta article on mathematics of shuffling there are even and sloppy shuffles, https://www.quantamagazine.org/seven-perfect-shuffles-randomize-a-deck-of-cards-but-how-many-sloppy-ones-20260617/

just as there are smooth Space time and different noncommutative quantum geometry prompts towards relating this to the combinatoric shuffle of the Legendre 3 square theorem ...as deck if cut below midline will have cold spots or unshuffled regions (Hint towards RH?) the deck cut

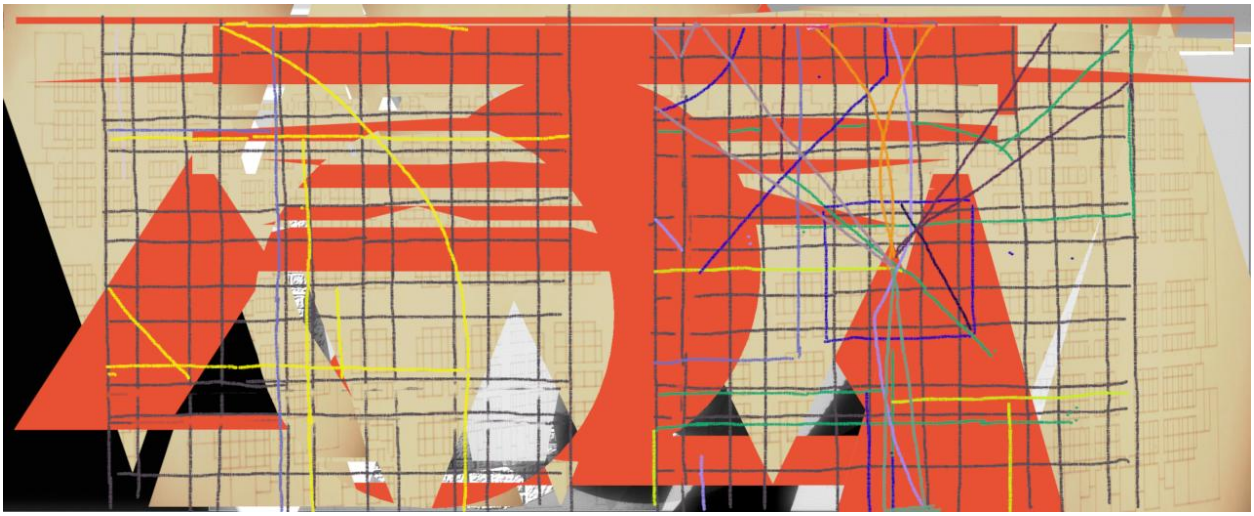
seven times as even works best (these tracked by a system of representing etc per examining successive decks (and I have liked that numerical setup similarly for abstracting plasma charge as it seems also very indicative of representing mixed and unmixed quantum states)....if unmixed, then 14 works out and the seven is the same number carrying the Legendre square root tensions...)... in the drawing I center a .7 region and at bottom .6 and the reciprocals as .1666 divided .1428 = 1.162 approx .1.1618 where .1618 times ten is golden section and the emergence of that structure as relating unity to module indicates that it like pi and e can as they all co-imbed as well function as commutators...

Graduated Filter

The relation between the three dimensionl + 1 world sheet can be glimpsed in the process where a filter between screens of quantum information will suddenly go bright, as the system pauses to readjust to the object... this compares to the dimensional reduction mode used by analyzing to a mode of direct comparison as a mapping tool of the Rieman Sphere made of the Hopff bundle towards smooth dimensions... this occurring between world line and world sheet at the point where the “break down ‘ in physics is actually the use of incommensurate measure of infinities “neglect of infinities” as Dirac put it and the meromorphic aspect is simplified out to a reduction in the Hopff map(where the flat world sheet which is not a point metric is wrapped in this model to sphere or brane...for the sake of the dimensional unity which for

the simplified model maintains that normalization and refers non-commutativity as a distortion so to speak which can be measured to that unity... however the rough could just as well be wrapped around the smooth and the finer distinctions of noise maintained, as then the 3 dimensional model can be seen as a special case of the non-commutative rather than the other way around... the quantum filter then seems to give an access to noise as refinement information to keep as the model shifts from the point metric to one in which distances become that of abstract algebra namely process.. taken further to Category Theory to be most productive... the drawing places jet or bundle forms from corners which if offset ie not symmetric are then independent function non commutative language in the

tangle mode or if even, then the bundle fiber as diagonal traces to center… a kind of Y-cleft model of the upper two edges in relation to the centroid occurs, there open to the unit circle as describing torus or projecting square centroid proportion to also inner diagonal rotation (the filter by the triangular matrix in rotation)… and resolves moreover in lower plane by the De Morgan fractal language of binary (field) operation…field mathematically , whereas the field physically locally produced nevertheless relate to fields as such upon which wavicles are produced being in and of themselves without shape or size… simple “everywhere” and so the nuances of defining what is meant by unity proceed to evolution in the phase of the Categorical Argument.



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The Typological Topological Deconstruction Towards Constructors of the Glass Energy Landscapes from the Maxwell Gibbs -Surround.

Relating area law and following a fiber relative Wilson Loop the Gibbs model made in plaster by Maxwell aprecatess entropy in that Maxwell model which then relates to the Schroedinger equations which of necessity adapt the Hilbert to noncommutativity and then it becomesnecessary to deconstruc towards an appreciation of the value of “noise” that dimensional reduction structured to seein Hopff fibration as mapping must deconstruct the

recognition this is dimensional reduction and simplification and that wrapping the smooth model is exactly that … in other words rough could be wrapped around smooth and the GR version of space time a special case of noncommutative form rather than vice versa and the reason for making the deconstruction and coming to terms with the installation of a smooth habit is that at the anomaly the breakdown in reading structures per infinities has occurred for this reason… there fore reviewing the structure of entropy and pressure Maxwell places in the model and regarding the structure of the Wilson Loop how has this been studied towards continuing the

adaptations which had been made toward Categorical thinking and the revitalizing in thinking through compressed materials the value of noise which currently then sits between research based on the necessity for advanced abstract thinking as relating to an evolving sense of what nature is... where making a simple statement to build on coherently can also degrade in taking a simplistic ....

Barring Infinity Neglect The Glass and Maxwell, Nature as Process : non Commutivity the Given…the Rough and Smooth of Stone , Paper, Scissors…

Of the Energy Landscape one can clearly see Duchamp’s Large Glass (glass itself is simultaneously in two energy states) is a “reflection” of the plater model Maxwell made for Gibbs referencing the shift entropy creates over smooth expectations to create a dual energy landscape…then uses within the Glass the “sieves” as in a rotation pertaining at first to smooth Coanda Effect (jets tent toward an arched surface if available which then breaks down per the kind of pressure gradients of an individual sieve

through the collective… The smooth editing of nature to suit mathematical simplification eventually realizes that the Hopff fibration shall we say wrapping smooth around rough to edit noise is in another analysis the rough wrapped around smooth and the GR 3+1 and counting mode inclusive even of higher dimensions is slicing out the meromorhic aspect which is noise as information and nature itself… and to turn to the scissors it is the information in coupled systems injecting noise which at the Markovian crisis mode of the Anomaly shows as well in general quantum terms noise is the flux of nature and with the Heraclitean “measures kindled in and in measures

going out’ the sharp meaning is that measure itself as metric yields to process as covering distance, in our terms Category theory and Non Commutativity per Higher Topos. The smooth model efficiently works as tool of the Stadard Model but the Anomaly is the scissors which shows nature has many strings to its bow… a kind of sacrifice is in effect… one must be lost in thought in order not to be lost in thought… and so the Wilson Loop adjusts…line to area and metric to process…

of Heidegger i had meant being of being as being or three dimensions either phases in the consideration or one gravity like unity.... so it does seem a kind of Martha Graham dance of forced summation and relaxed Markovian realization of attractor like motiion and variety in the perception...I am still not exaclty clear as to how smooth dimensions in themselves may be towards noncommutativity over their trajectory, and how noise is encoded into the tangle system in a gate like analog it must have and the ribbon structure also must be different than another term used which is framing which means ascribing

to Hopff fibration a kind of counting by knots or twist in linear order… of which the assumption on unity is that it pertains as a whole to the infinite unity of the Hopff whereas that unity might not be seen that way but was meant originally I believe to simply describe its extension over which I believe a Weinberger implemented the suggestion unity was to infinity as entanglement is immediacy essentially… and these degrees of meaning are getting mixed in reference in passing so that hilarious discussions occur between mathematical doctoral candidates where say confusion over Milner and Minor develop like Major Major Major in Catch 22

with Wittgenstien it does seem that precision in language leads to over determinism... any way today I have learned that there is always room for confusion in communication as to whether unity is automatic Gstalt, or earned, whether framing is constructed or cropped, whether one indicates a path or a field.. and whether the primary order is commutative and deformed or noncommutative then forced, and to what degree is information shuffled and to what degree noise-as- information...

Randomness creates chaos via entropy... it is not clear to me that determinative chaos creates a predictive guage or for that matter a gauge which in and of itself

may may actually be sorted or partially sorted as string dimension relate to tunelling and symmetry violation

if you have an infinite number of dimensions how do you count in order... returning to smooth wrapping rough and vice versa you could say. looking at a tangle of infinite strings you count your own selection and verfying your order of bases is only that...

Use the DeMorgan fractal like division as related to Moduli stacks with a broadening to triads and does this relate to Clifford and Jordan matrices as they pertain to diads and triads

Van’s Algebra of Cast of Glass

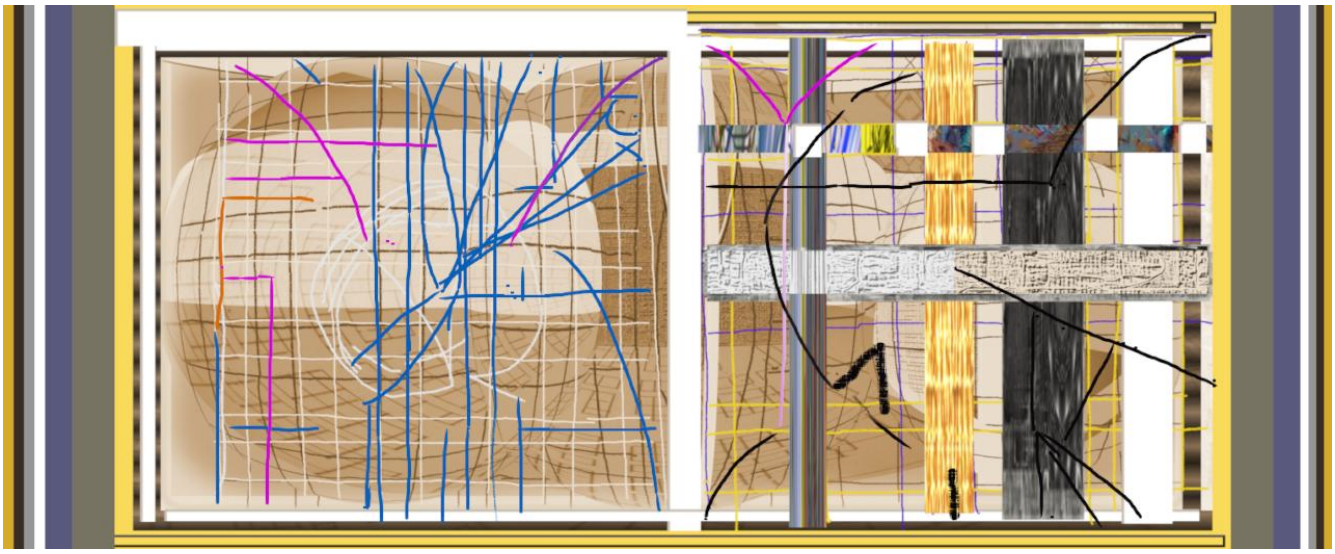
:Typological Version in Topological Drawing Transmutation as:

Van’s Algebra : Axioms 1) borrow Noether’s observer… and selection through infinities gives ordinals an autonomous taxonomy 2) as a base you can use, pi, e, golden section or even a rotation through all of them as establishing their higher dimensions 3) The DeMorgan fractal like dvision relates to Moduli stacks while broadening to triads and relating Clifford to Jordan Matrices.4) substitute Langland moduli stacks and Hecke sheaf into bundle to tangle morphology.

Maxwell’s plaster model of dual energy landscapes bring up the idea of post measure as process enters work and in his case the suggestion of process art so to speak seems to have occasioned Duchamps Glass to relate to this object in some degree… in my case I am interested in how the basic structure of the Greek gnomon was his model as he then deformed it in the physics and mathematics dialogue between unitary and modular moments in the approach out of which the drawing here devises an algebra essentially axiomatic to considering infinities open in the final analysis to prompting rather than deconstruction post measure… as in the

physics anomaly where the relation between scalar momentum transitioning to category analysis and process need not be flummoxed by relating incommensurate infinities but substitute a Geode like mode… in general then the axioms take in approach the tangle of infinities as outside of any proper ordinal per se but subject to the observer upon an autonomy to taxonomy with the structure to come between bundles and tangles that it interests me to substitute Langlands Hecke sheaf for the gauge bundle then a relation to structure of moduli stacks which I propose as develop from the gnomon towards then DeMorgan fractal like mode extended to triads upon

the diads and relating then to Clifford and Jordan Algebras..



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Notes from the Forgetful Functor

Super Implicate Langlands Drawing Theory is then my proposal that the Critical Strip is the Forgetful Functor through Pascals Pyramid and its index of mathematical fields on that line... composed to a Hermitian golden section square field which subdivides evenly to the value of the Planck and the section with Pi and e and i are commutators over the relation of dyads from a DeMorgan fractal perspective to triads motivating the Moduli stacks of the Langlands Hecke sheaf as substituted into the transition between bundles and tangles for retaining deeper information structure more naturally to relating graph or directed graph unity between modular and unitary adaptation of

entropy and attractor information and the shuffling of the Legendre 3-square.

Notes from the Forgetful Functor

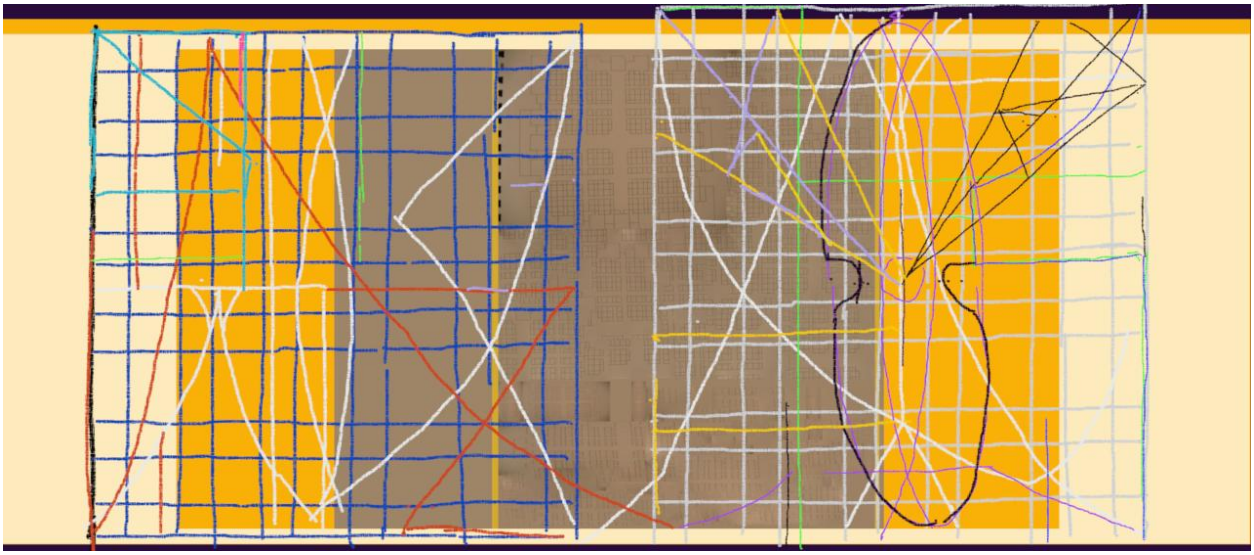
The thermodynamic status of viewing equilibrium states summed to the physicists use of unity or one as the estate of all constants can be reviewed to Markovian objection taken to Bell that anomalies entertain of cold spots or time extension in the arrival of equilibrium that anomalies demonstrate that circumstance on pausing the Bell effect construct its own counter argument as negative definition... in the case of evaluating the strength of the meaning of the word coincidence therefore within the evaluation of the strength of neigborhoods or

etale groups similarly poses to Category theory the notion of evaluation… some rhetorical modes of argument appeal that this bridging should be ruled out in the interests of a unity argument appealing stemming from origins in the Greek Gnomon and evaluating complementary equilibrium… this is fundamentally appealing but if one for a moment allows a kind of cosmogenesis on the number line to give that toy argument then irrational numbers and transcendental, give a view on infinity and the kinds of event which actually occur to the paradigm expansion anomaly which matches Expansion at origins entertaining the breaking of bond and creating as within the structural domain of the variability and necessity of symmetry breaking and so of composed and decomposed symmetry that shadow

conception of no small weight…I would say the Categorical composition needed to advance a Category theory over this problem is pretty much in general effect but meets the resistance of task efficiency and careerism modes because of a threatening world… however in the worst of times there were Byzantine refuges or Catherines Court… hopefully the internet in post internet mode can create the Conceptual Art Non- Museum of unity within variety and variety within unity…

Reinventing the Telephone:

The drawing relates to De Rham cohomology as Langlands functor prepares stages toward reading potential s and describes a a measure over the calculus which takes in the wrinkles introduced by higher dimensions in this case I reference Alaxander Graham Bell's box kites as analogical to jet like forms of independent variables from corners of my composition which toward center measure differentiation structure as the kites explored atmospheres... in the drawing they pun various architectures of measure entering the Wilson Loop smoothness with signal pinch while stating the projections siting richness...



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Are there relations between the time loop of a Wilson Loop, Black Holes and Wormholes and Perelman surgery and quark flux tubes to the effect that a singularity on one dimension can be seen outside of time so to speak as given from dimension projecting an Exceptional Point status as affine to a reprogramming of this collapsing atom to another capping point of measurement involution?

as an artist interested in print making the impress of higher dimensions as information on lower as it may be concieved of in quantum and quantum

computer terms interests me in regard to replacing braiding technidques from bundle to tangle with instead Langlands stacked Moduli as these reference on the one hand tube like splicings per EPs and singularities if desirable or otherwse also leaving intact the potential to read noise as information and decoherence and collapse as themselves entangled

Considering cosmological Energy Landscape and the conservation of noise through cosmogenesis of the number line and the entanglement of Collapse and Decoherence: expander graphs, Khinchins constant, Monstrous Moon Shine prime architectures and Maxwells Plaster cast of Demon across nested and

induced energy realms of realization in the conditions of experience

Drawing on Higher Dimensional Printing

Here the analytical continuity of three-dimensional printing to higher dimensions is an idea considered by making art printing analogous for the moment to quantum thinking via the following extensions...

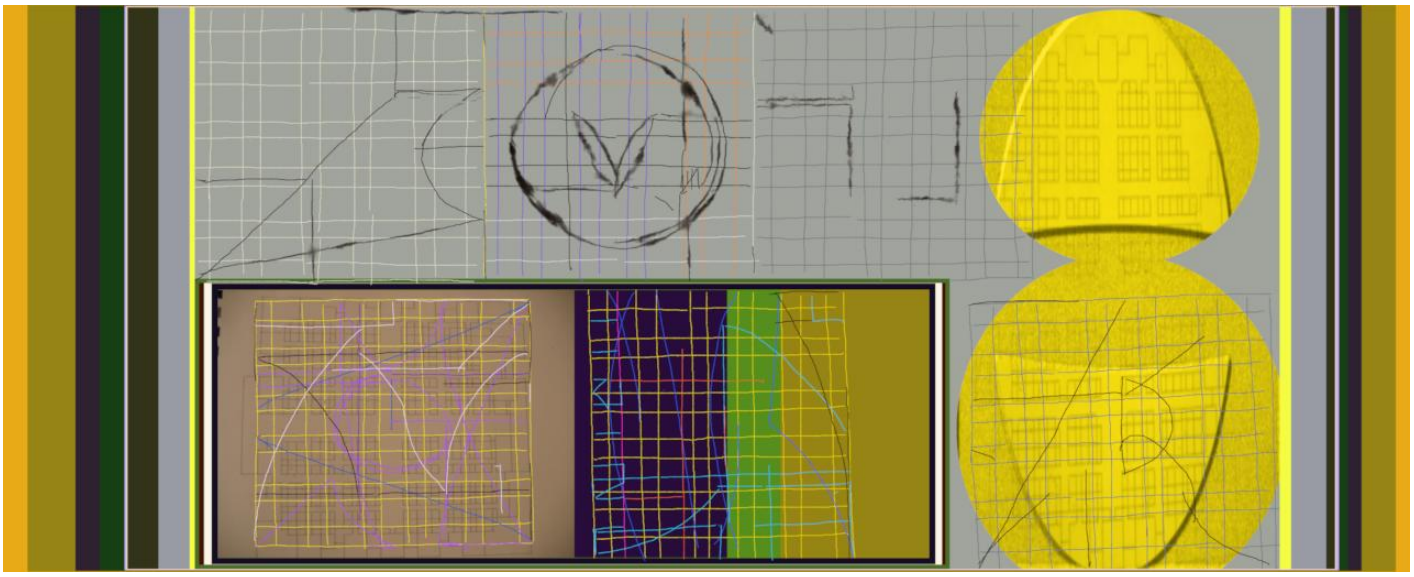
Watching a potter throw a pot for example tends to prime your spooky instincts possible and in history similarly engravings were done on a rotating plate, which invited a whole new perspective into what was as engravrers related to copying works as a relation between pre-measure and post measure as they not only copied

but in their dialogue added their own spin on the matter much as Illuminators personalized their relation to their Book… In Intaglio one add a dimension of freedom as the paper wrapping around the plate becomes analogous to the performance of “e” relative “ I” as also the ink taken into the grooves add another dimension per dry point where the burr or fuzziness invites the “fuzzy number” but moreover the ink plays the part of quantum dot or programmable atom from the interior view of “e” from which the function/commutator appears as a split wave… thus relating to simple aspect of alternately dividing or

multiplying to be on both sides of the reciprocal process as one goes along.. this prepares one to relate the interior and exterior proposition so to speak to realizing the quantum status of collapse or decoherence are themselves entangled, at one event then if collapsed there is theory that complex numbers, there, are unnecessary, displaced entirely to comparing reals to anti-reals , however in the reciprocal clause this is no longer true..so we will say that argument is true until it Is not... and the mathematic reality then, that higher dimension print upon lower by creating wrinkles and grooves over smoothness... and these

weak signatures may be ironed out through relating exceptional point and singularities to the quantum tube and its topological relation in Category theory terms then to Quark tubes, Perelman surgery and Wilson Loops....there is this printing then of higher to lower dimensions between world sheet and world line diverting bundle to tangle theory through the alternative Langlands stacked moduli which are the process of extender graphs or groups of connected points each morphologically different but simultaneously receiving information as compared to the lower dimensional mode which is smooth and recursive...

with the fuzzy number ink which are the tunnelling of dimensions, ... the smoother modes may add degrees of color to ink so to speak to trace ribbons or a kind of counting of dimensional turns which pertains more to the lower dimensional smoothness... that interchange of evaluating higher dimensional potentials then make quantum “noise” the equivalent of the “burr”...(ie the fuzzy edged dry point from ragged metal)...



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If I consider a higher dimensional printing process beginning with a golden section grid in a square which divides evenly within phi integrals to .0156 as in reciprocal 64 and covering surface 64 times then a torus with inner and outer rings could map higher dimensions on the torus and in the hole space read a relation to Eulers per internal view on complex plane as relating the phi values here within .1 and .5 as between a syntax of .0019 and .0091which naturally occure in phi base ie suffixes .0073, .0064, .0055 etc.. considering the case of collective angularm momentum as distributing in winding numbers relation to gradient this recursive structure on the 3+1 dimension to higher which extend process over distance to

create as moduli stacks the co chain simulacrae no longer scalar but in extendor grid like structure: then as a printing of higher on lower dimensions through a bulk within higher dimensions that have such added degrees of meaning to freedom can the translation of these at the consideration of the anomaly consider infinities scaled by simple extending the horizon of integer zeros infinitely and the creating the proportion of the selected view through the moduli stack to the selected gradient to winding level morphology?

The value of pi squared will give you .101 and this times seven the square root of two, there for where the value of Pi squared joins zeta it is the value of the square root of two which is

locating within the unit ball the variation of view upon e as rotating per surface or internally viewed as the split wave and the harmonic clause we can take to the Greek gnomon where unity plus the harmonic module will embed as in for example serially as in the golden section, there fore the link between unity bosonic pertains to that enclosure while the modular extension represents the fermion... the plank scale itself in its packet a .0156 at 10.56 shows .56 as 1.7854 where four times .7854 is pi and the complement .2146 is the reciprocal of the Feigenbaum. Returning to .101 this times six will be .606 and in reciprocal 1.5393 where .5393 in reciprocal is unity plus 3 times the golden section module... this structuring then allows composition within

unity and the extension of a modular quotient space inviting higher dimensional lattices.

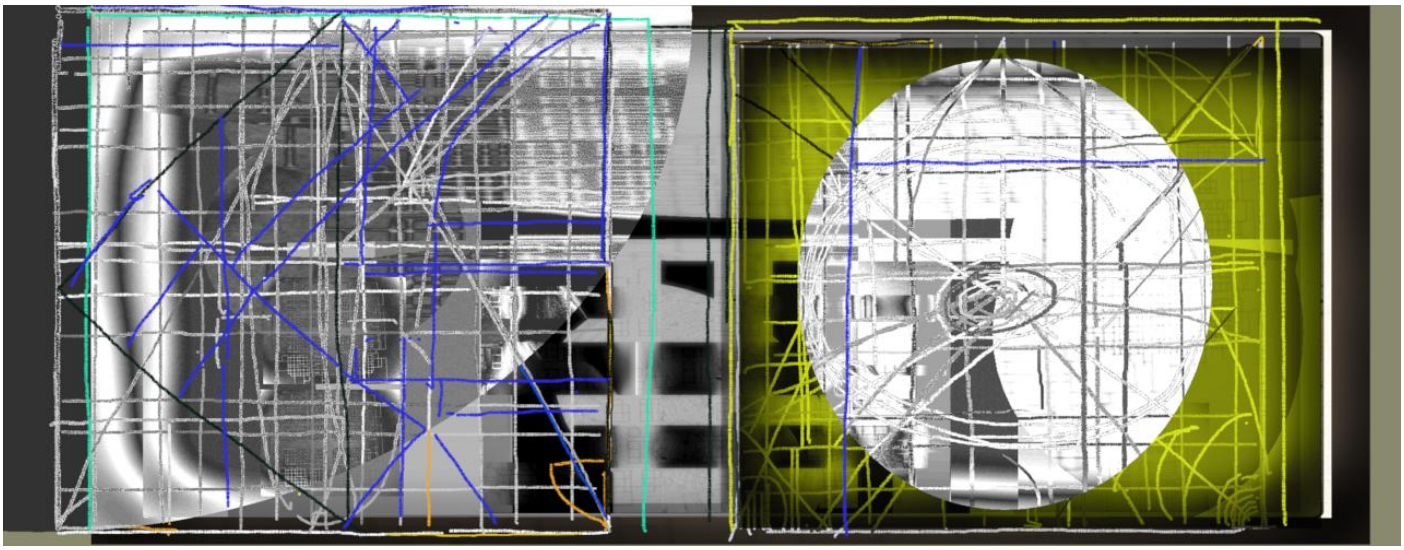
Anyon Ontology of Higher Dimensional Degrees of Resonance Pixels and Quantum Gnomes Categorical Renaissance.

The branching from the topologically protected energy landscape with smooth book keeping to higher dimensional refinements and pixel like in the in the reading of weak signatures per AdS/CFt and the movement into monadic replacement of metric with process phase beginning with Conne's non-commutative quantum geometry and a continuity in Langlands inference for Ads/CFt taken into the book keeping of extendor graph mode speaking for modular stacks is prepared to the hard anionic distinction via simple vortex and Fibonacci anyons as they devolve Quantum

degrees of freedom an in doing so become non commutative particularly the Fibonacci…those conditions being generated by quantum defects via induced extremes but relating to structures, black holes, worm holes , condensed material holes , Wilson Loops, Quark loops, quantum loops which in those cases may meet a Perelman like capping of the spectra… “gnome like” in the sense of creating a Categorical Bridge through the observers discretion and a physicality evolving out of the mathematics.

The drawing uses a Hermitian Golden Section grid which is evenly covered by a derivative .0156 which is that of the Planck. And so uses the intercession on field to mark on torus the winding of higher dimensions, and at inner torus metric shifts to the finest serial

values of the golden section which interacting proportionally towards themselves and then the Planck index give the general condition of a super fluid... On the smoother side the gnomon like series of direct harmonics gives that order, the series as it distracts to broader neighborhoods and different grouping orders then becomes noncommutative, the layering of a medley of mathematical approaches give a landscape of co chain simulacrae which feeds the extendor graph logic of the different bookkeeping...



370n6

Since the photon is result of electro weak destruction it is itself the point version of the forgetful functor but a point which is like the difference between scale metric to process metric at that point emptied out, the result being within existence the photon is a continuous inversion between vacuum expectancy and absolute vacuum this then the case of its being dressed in a shower of pseudo particles? Within mathematics then, similarly , the case of node to edge in the Platonic solids as their evolution can be traced by successive dropping a base, the graph of points then which in Erdos style extender graph are open seem structured to the core of the Pascal Pyramid structure with

the effect that to have an open edge, and the open edge in terms of quantum meaning that infinite potential necessary to state potential then a base and point to space or space and two points show a space is the observers view on infinity in oned direction the point another, and wave particle the fact they displace each other in a sense upon direction the viewer takes?

Per fourth dimensional forbidding of dimensional clearance discs of obstructions thus leading to anomaly cascade:

so possibly this is a originary "prime" of that case where space is not geometric but survives by a "breaking" ...? this is prefaced by the transition from scalar reference to monadic process itself organized to a point like compression which has a topological

description but a higher topos meaning where space is no longer geometric...or per haps to consult the language of equalities not meaning equal likewise the token of entanglement carries similarly as already we see quantum entangled with itself in that regard per Collapse and decoherence...?...

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Whereas 2+2 = 4 creates the locked in mode of the fourth dimension which makes it the counterpart of Cosmic Dark Ages perhaps the Goldblach conjecture on primes gives a window on where a pre geometric priming could have created a split into dimensions.. that is if we consider an originary pre geometric as entirely entangled, and two as the first prime and also first even the originary entanglement seems instructive that: in a sorting mode like Pascal's pyramid two represents two things, a pairing or anti mode, and the case of its occurrence as so to

speak a set...we normally think of a set as itself one thing but here is the state before the “break” as inherently entangled (as we similarly inherit the anomaly of quantum collapse and decoherence and parsing pure and mixed states) the event->distance between primes as factored into evens is reflection becomes a single case as does 2 both represent reflection as a case and as also the first prime an embedded clause of application such that for the even say 28 the two steps back of a) reflection as action and b) two as the case of the first prime covering one plus one: then taking one step back and two forward the residual space of three covers its own incidence as two covers its pre- measure?

The Structure is the Image : Because General Relativity is so framed as a physics theory the observation on the Anomaly that physics breaks down tends to miss the point that it is the physics bonding to the fourth dimension which breaks down because the fourth dimension itself is a unique anomaly in that obstructions within it from higher dimensions cannot be removed sliding a disc because the particular dimension 2x2=4 is locked in and cannot move without expanding its own dimension... mathematically then the relation of equality to equivalence in structuring mathematics is sited in this case per the relation between bundles on the world line side and the relation on world sheet to string theory carrying the argument of Category theoretical development and then tangles, monads, and higher cell

structural paths Operads... from scale to process which evolving to screening process knots engages this kind of charting of clearance potential and freedom of movement... relative the degrees of quantum resonance which inspire the equations.

The trapping density of course is mirrored in the cosmic dark ages... and one intuits that the solution of breaking of electro weak which becomes the structure of the Higgs Mechanism and the release of the Photon as a record of this destruction mapping a small mass in the process to the neutrino suggest a breaking of in fact geometrical order, or rather before primal order a state of pure entanglement was the pre geometric order and in my drawing ... to imagine how to represent the pre geometric (a tall order

considering!) I turn to trying to solve the Goldbach Conjecture in these similar terms that: to begin with I give an overarching distinction on the square root of two as being expressible as .708 or .707 ie odd and even numbers as we consider 2 the unique anomalous case of being both even and prime!...

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that: in a sorting mode like Pascal's pyramid two represents two things, a pairing or anti mode, and the case of its occurrence as so to speak a set...we normally think of a set as itself one thing but here is the state before the "break" as inherently entangled (as we similarly inherit the anomaly of quantum collapse and decoherence and parsing pure and mixed states) the event->distance between primes as factored into evens is reflection becomes a single case as does 2 both represent reflection as a case and as also the first prime an embedded clause of application such that for the even say 28 the two steps back of a) reflection as action and b) two as the case of the first prime covering one plus one: then taking one step back and two forward the residual space of three

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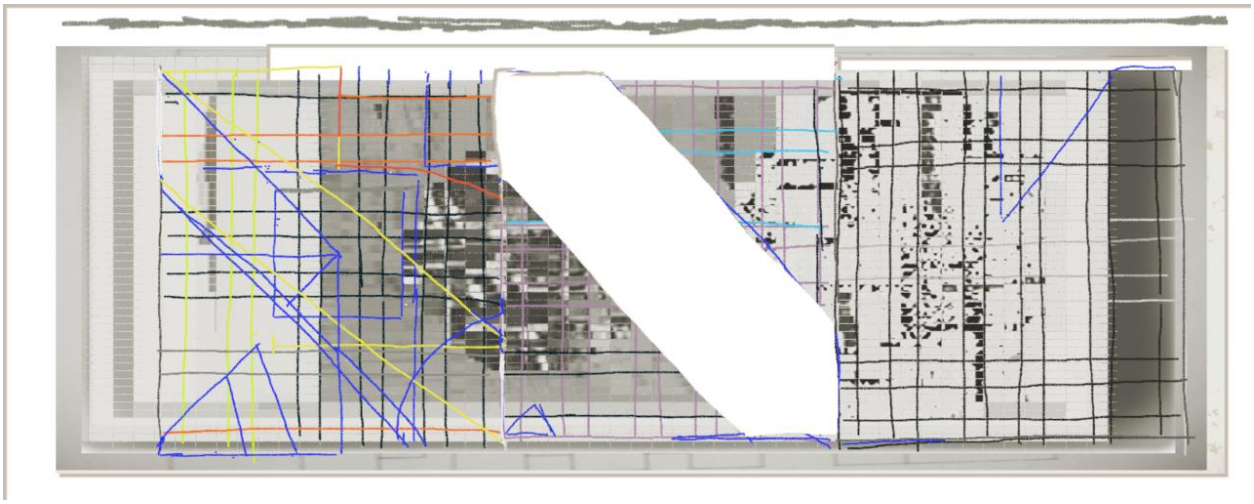
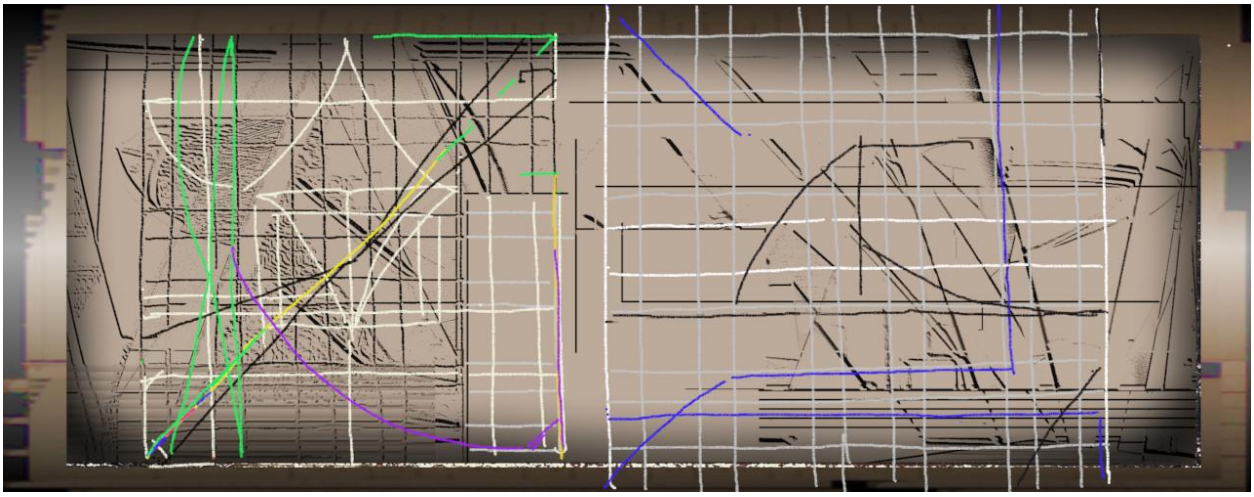


370i4

Prism Shadow

The drawing traces the path of a group of golden section derives each set back from each other by one thus gnomons to each other and any square the image and half as reciprocal of Pi finds the reciprocal pi as 4 times placed in the square root of the golden section as all in all an elasticity which then studies how changing the placement to centers, off center and edges begins to build a noncommutative vocabulary in the extension fields as they layer.



371k1

Drawing Withall : Cutting the Ribbon for Operadic Cinema

general the evolution from bundles to tangles as scalars to Category theory placing a denomination of Langlands At AdCFT and a greater consideration of potential in stacked moduli to Hecht Sheaves and then Perverse to little k stacks to Prob and Prop trace relations originating in input out put to a recusive single relative and extendor grid process of simultaneous co chain analysis itself analyzed to both string diagrams and ribbon formulations give a bare bones out line but could you clarify the lensing that occurs in the process as it flips between ribbon like summary and closer relation to high dimensional appreciation of quantum degrees of resonance?

Addressing an interest in a kind of self created algebra for advancing the idea of higher dimensional printing so to speak in an also categorically expanding morphology informed by expander gate book keeping and quantum resonance to degrees of freedom as implicit to noise and fuzzy numbers and perhaps a Bohm like Super Implicate and as reviewing the various advancing potential of Langlands structure informing Category

Theory and tracing so far the morphologies of bundle scalar to tangle process and the cascade through Hecke, Perverse, sheaves, little K Discs and Operads, Prob and Prop and the lensing structures one acquires how in the case of anyone if we view them from a context of the fourth dimension as problematic per its structure as an anomaly in extension which is that which feeds the physics Anomoly reflected also in the Cosmic dark ages and thus reviewing the potential necessary it would seem for a pre geometric phase as a kind of breaking which models the photon relation to electro weak breaking and the Higgs Mechanism, with a hand off of mass to neutrinos considering then the photon to the Anyon and the Anyon as a mathematical relation to commutators which might be modelled in an algebra

relating the embedding and immersive potential placed in a kind Y-cleft diagrammatic of these commutator potential would the dressing pseudo particle upon the photon in the Anionic context find a Pidic relation to definingg particle connection relative left and right categorical movements defined over all these categories?

To address these questions the drawing creates a syntax or diagrammatic mode which I represent inf ‘Van’s Algebra’ so to speak in the following characteristics:

The Geometric field is that of a golden section Hermitian grid which has surface evenly covered by differential .0156 also that of the Plank//: a torus mode counts these towards higher dimensional projections/

framed overall in a relation of diads to triads linking De Morgan like Fractals to Hilbert or De Rhamm mode also//: structures map to higher dimensions affine and exotic by bundles asymmetric in corners, as rays to center/ the long diagonals as square root of two also are dimensional outreach/:vertical traced across whole as an over-writing also introduce higher dimensions/ the inner torus is constructed to fuzzy numbers on the suffixes of goldens section terms relative the Planck scale which reproject the scale Attractor like/ smaller discs may encode these also variously and locally/...

And a structuring in the mode of little Kdiscs operads similar to Duchamps roto reliefs is adopted...(roto K-discs?)...or discuss the discus?... and a use of pi-adic Langlands in

the sense of naïve normalization to arithmetic densities and winding numbers

A pre Geometric pressure system as intuited by Dewitt -Wheeler as interfacing between contrary curvature and a normalization to flatness stand in a review of emergent potentials to maintain that idea of pressure and contra curvature war and normalization as well to the sense on the number theoretic side of a cosmogenesis on the the number line that the categorical evolution of scalar to process as measured in phases of theory to ribbon simplification engages the number line itself to the physicalizing of abstraction which abstraction makes on itself to the number line itself as being in a kind of parallel transport...my interest is turning toward relating the Pi-adic content of

Langlands and of Galois toward naïve normalization as linking quantum entanglement of collapse and decoherence to higher dimensions in post measure....

a point to look into is that the Galois clarity of mapping to orbifolds may be compared syllogistically to the Legendre 3 square ie upon x,y,z and the relation there to General relativity at inverse square law and that translation to spherical Riemannian manifolds... these then produce forbidden tracts and this is solve by the relation to complex space... the n turning to complex space as siting the considerations of universal pre geometry and quantum dimension the question emerges as siting loopgravity to Planck level if on that scale the

Pi-adic scaling meets a projection to an exotic relation to higher dimensions which serve the solution to the four dimensional anomaly of that dimension itself an anomaly the cause...

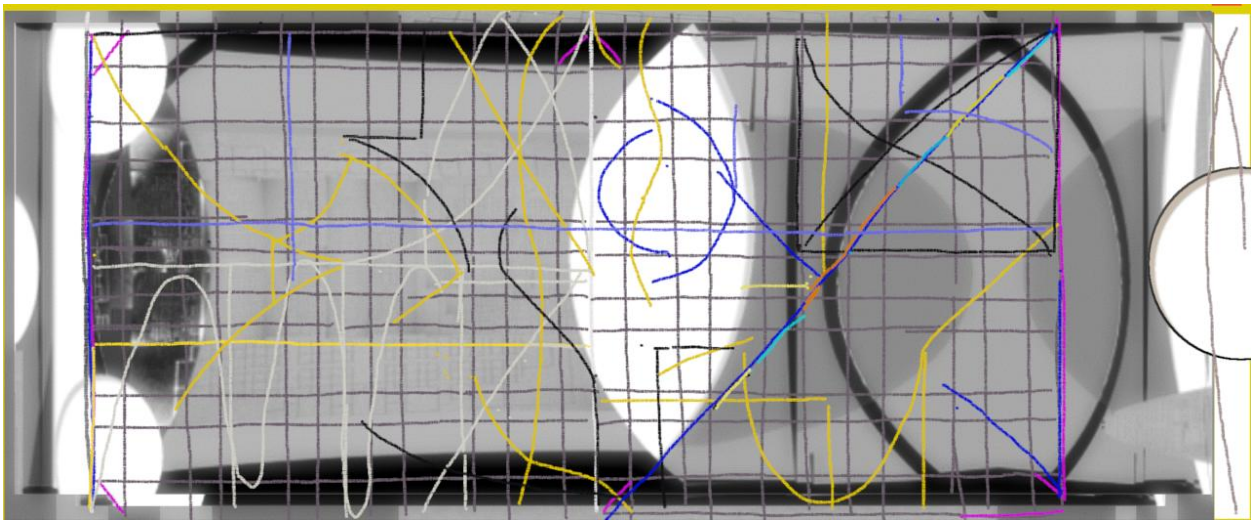
Could one relate pressures toward open and closed universes as entangled or in simultaneous tension possible like a determinant system in a hodge triangle rotation relative a similar structure on a rounded surface if these flattened to comparison and allowing a version of approach towards Exceptional points tor represent a tension which localizing perhaps to opposite spherical tensions communicate an alternately expanding relaxing mode perhaps motivated by a relation Legendre 3

square GR inverse square as in the shuffling communicating a kind of anticommutator to the precess /processwhich phases very slowly and relates to universal expansion?

Stringy Landscape with Found Open and Closed Universes

The syllogistic relation of Legendre 3 square theorem to GR inverse square in which the shuffling of integers to a necessary complex correction is considered as reflecting in the former to the spatialization of the latter in terms of considering open and closed Universe from the Dewitt-Wheeler perspective of an entanglement essentially, (of open and closed states over which is the follow up perception then that exceptional points communicate from a gravitation towards the borders in which modular systems of gain and loss maintain a tension at a condensed focus in the curvilinear transport and that then a normalization occurs between the non unitary dynamic

scales as they interact from an original basis of pre geometric pressures motivating curvature.



370n4

Ontological Constant To the Cosmological and Beyond : the Drawing Theme finds:

there is ->1) The status of the thought to itself and 2) the Sufi Suffix (garden in and garden out) by which the demands of the quantum are the taxonomy of the measurement problem. By this latter I mean in particular that the non portability of the fourth dimension as the anomaly GR inherits (the dimension cannot remove an obstruction or singularity without generating again it's space and transgressing) the evident solution that there must be a pregeometric condition... perhaps similar to considering the open or closed status of Universe as entangled to a kind of pressure system evolving across a sine curve notation that can flatten to a normalization even of that ongoing tension

there remains relative the quantum 3) the meromorphic enantiomorphic by which I mean that of quantum randomness the term pre-supposes a kind of space and a configuration of the idea event cargo ported in the dimension of the idea as per Parmenides , whereas the quantum has no shape or size…nor time… so necessarily going beyond even the first pregeometric step and turning to Robert Smithsons' "Enantiomorphic Mirrors" (mirrors subtracting each others image) in the interests of relating the charge of the quantum expressible the drawing here upon Picasso's maxim "drawing is a percepti0n of time" turns to the Smithson solution relative something like the tradition of relating two identical objects and the space between them which from Smithson point of

departure…arrives in our time in the more recognizable example of the Gravitational Wave Detector Set Up and so any slight change in our now ontological space is like the indication of our present self as also somehow self reflective from the future which by recognizing ourselves show a connection there available to our prediction and answer only “message received” (I think therefore I exist)… the drawing “compresses the arms of the detector to square spots or cross sections which at that squaring suddenly merge so to speak as they cancel out the longer view of the arm so also in a sense their difference as across a space like the relaxation of a violin players arm eliminating static of pressure…

From the Achilles Heel of the Walrus:

Drawing on the Problem of Time : An Aleutian Valise of Alleles/Etale Evolution.

Variable degree of strength is an idea which appeals to me via the drawing experience of the pressure of the hand which abstracting to a release as erasure leaves you at a beginning with a concept of potential which is a trial simplification where the cautionary tale is even simplification proposes space time barriers.

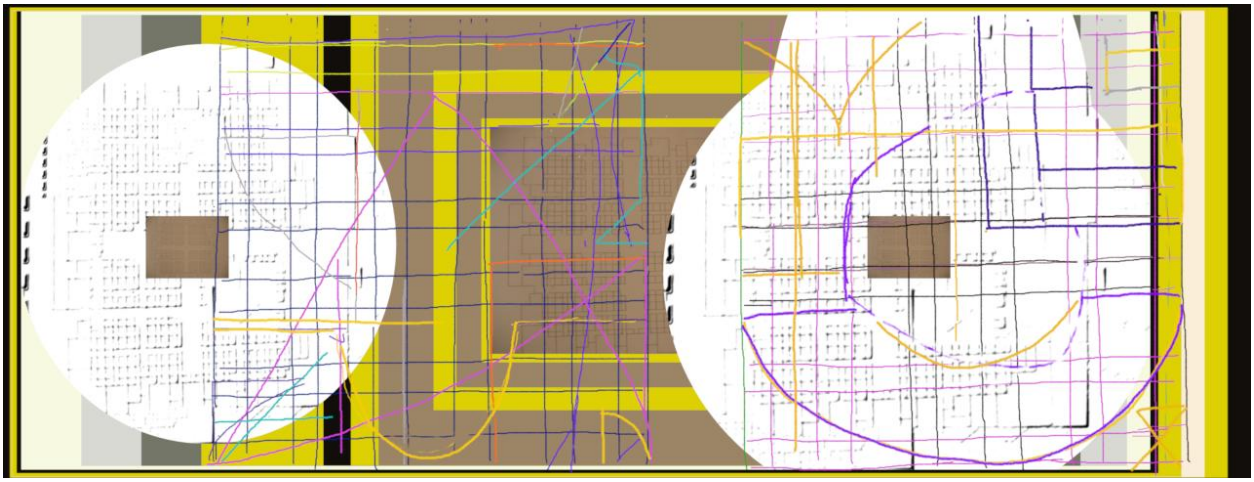
we could explore many worlds in the context of the Achilles heel by which our framing of time (Picasso “drawing is a

perception of time”)… similarly corresponds to our framing of superposition…assigning "position" where the substitution of probability is really a category of shape and position even so

it is also true that geometry falters, thus the relation of Legendre 3 square to GR relation to anomaly not of GR but of its relation to the fourth dimension. It is already therefore theoretically acceptable to propose a pre-geometry as well because this also turns out be be the Achilles heel of perception

Therefore, like Duchamps Valise which sprouts out an extender grid of images the idea of the mathematical Etale or

neighborhoods, Teichman Trans universal like of affine algebras or again prime configuration alleles towards identity mode quotient space of inherited degrees of freedom are as an Aleutian Islands Achilles heel of the Walrus...



370p1

Slow Walking the Magnetar and Higher Dimensional Printing across Conceptual Art and Physics.

The mathematical realization of higher dimensions can be likened to a kind of higher dimensional printing process and beginning from the relation o f world sheet to world line at 3d+1 and bundle to string modes the relation and representations of spectral to automorphic reciprocity ie mathematical to geometric has surprising connections to period photography modes as they tend each to imitate art movements and to also then the Webb filter systems and again the view we started out of per higher dimensional printing in which for example

the digital pixel con compare with the quantum dot…will be a preliminary evaluative scheme the first loop of which is to recognize

: Betti Holes and Poincare loops identify the boost system of local effectiveness levels , as they meet obstructions and singularities the Langlands begins to study how the running around of these loops (monodomy) in the meromorphic level projects in relation to a coherent relation of mathematics to geometry or spectral to automorphic with of course spectral evocative of “filters”… returning to the digital medium where we stand that ground covers in the pixel a relation to the anyon or projection in compressed matter

physics and high energy of special class of quasi particles which are designable to either represent local information or to receive quantum degrees of freedom into higher dimensional analyst, filters and focus…(prompted ironically by “fuzzy” numbers or “noise”…)… and the Shimura analytic takes up the evaluation of higher dimensional projections as a category of the endeavor and constructibles … the quantum dot then in actual printing relates to a “programmable atom” and the digital platform has a number of workarounds or local branching’s in that it can imitate Daguerreotype or relation of early print on glass and then paper mode, albumin which has a relation to egg

tempera, a blue print mode , platinum print in which the plate is in direct contact with paper reminiscent of printing proper, the Lumiere color process in vegetable dyes which gave very high quality early color photography , box camera or pin hole like the original Durer camera obscura, and cross processing photography which manipulates color potentials.... And we can compare with of course Webb w. 57 filters over 4 infra red modes... in this case then the relation of early photography to art media and Conceptual art interest in relating to the Social contract ie the difficulty of navigating cultural conditions of legality and bureaucracy and Intuitionalism

relating broadly then, and potentially to the Physics Standard model have this sympathetic door of the Webb scope to digital platform....where in post Internet Art mode the idea is to upgrade the internet with better information and creative construct.

Bernini's Drill and the Shimura/Langland's Slope from Betti Holes Isomorphic Dimension Scape.

Tracing the non abelian formative resolution of the Langlands over Betti Holes and Poincare fundamental over Hied and Coleman morphology linking Langlands Pi-dic to Galois pi-dic and the tracking of monodramy via the

fundamental how might relations of higher dimensions nested in string theory be related to the observables of say a magnetar as distinguishing a threshold vacuum to dimension analogy of the hyper phenomenon? I use the analogy of Bernini's drill because he adopted Roman technique of drilling holes to very specific distances to inform his general bravura... Michelangel0 on the other hand relying on a mental scoping of the "block"...

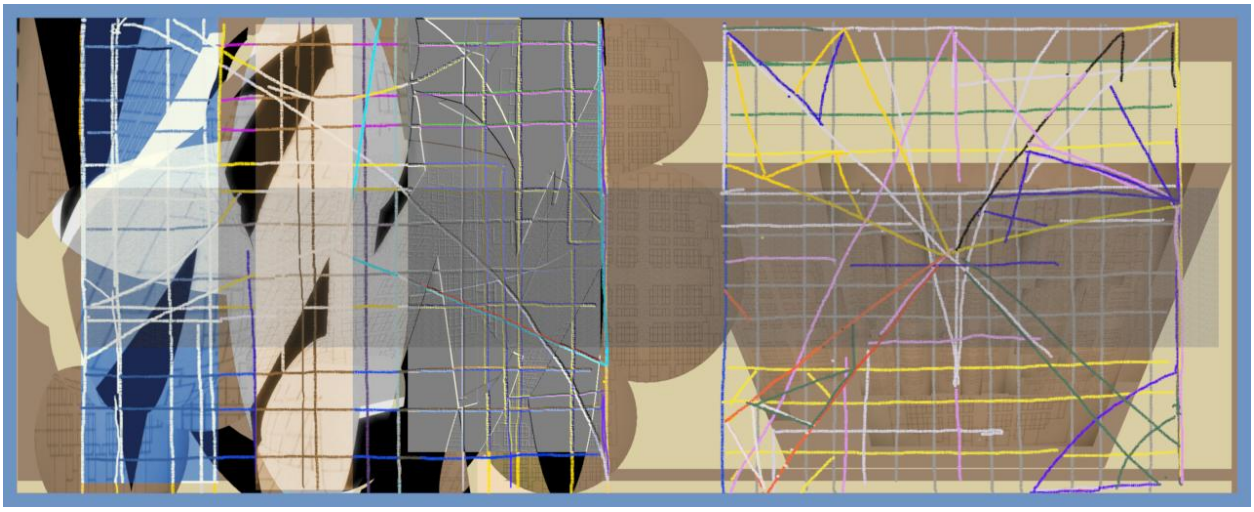
The relation of a Magnetar as opening up the direct study of observable relation to higher dimensions via disruptions in the rapid clock of the mechanism by also measuring time dfference of different

charge regimes places a mathematical cobordism towards the underlying question as to what is charge and in a necessary to quantum pre geometric regime by turning to Langlands familiar enough at cobordism to AdS/CFT but looking at the distinctions from Betti holes and Poincare bundle like world to Langlands monodromy prompted by Shamira group projection the subsequent higher degrees of Hecke sheaf discrimination towards Category findings on Reciprocal Math to Geometry may then meet the Post Langlands category where open and closed universes perhaps defined by pressure of their own entanglement link to a more general idea

of charge and its manifest as spin and familiar quantum numbers following...

In general the status of the magnetar is that disruptions in the field and reconnection allow instruments to make quantum readings from a unique variety of distances and this shows the effective implant of higher dimensional reading of which the serial study of differences would give insight to plasma and fluid mechanics of course but beyond that the nature of the differences remain to be studied towards implications of inner dynamics on things better shown by decomposition than composition towards realizing modes of category analytic over pre geometric space and the structure of

charge itself in the most general quantum aspects.



370q5

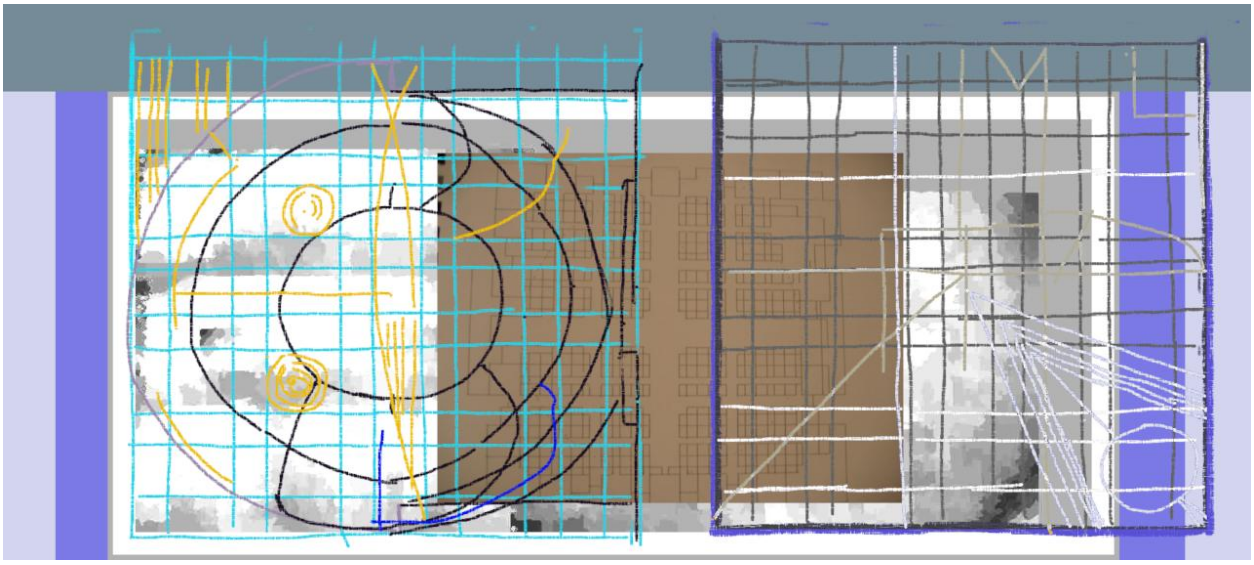
If the consecutive circular horizons one can make on a torus as a kind of topographic view of exponentials /degrees of freedom are met also by disc/wells with little k disc variety how would one describe this as mathematical or physics entity... and how riddled with holes may a torus surface advance towards infinity or is that state in essence world line or sheet at singularity and considering the analogous states in string like higher dimensions how is the cascade of events through all as mutually affecting relate likewise to a collective permittivity.

on a golden section Hermitian grid the differential .0156 will cover the surface evenly and Hawings radiation relates to surface likewise... considering biregringence in magnetars is this suggestive that the Planck at Quantum level may incorporate scaled echoes which interfere with the unitary version?

Referred Holographic Birefringence through the Foliated Manifold

The drawing hypothesizes that as Hawkings radiation is manifest at holographic surface equivalence to Planck and likewise considering through the drawings perspective as a Hermitian golden section grid surface evenly divisible by golden section derivative .0156 which is the value of the reduced Planck...The comparison to the birefringence regime of the Magnetar in which the disturbed magnetic field encountering variations bifurcates the value of quantum time thus using a torus mode of a mult layered exponential into higher dimensions and percolated with k discs which disturb, the resonance to follow would be that at that point information would scale

to the Planck in successive differences and interference...



370r4

Shimura Chimera of the Jones Polynomial Tangle Drawing Over and Under

Since the diagonal serving as square root literally stretches the value of the borders then considering the difference of measuring galaxy distribution and that a stringiness occurs when evaluating not just point to point but via a slice is not the act of measurement confusing itse search for density ... because the comparison to radiation as analogous to the density is not exactly comparable since radiation does radiate..?

Turning to “Genoskein” or the Greek navigating like form of knowledge: the diagram of a monad as a y-cleft form curved at adjacent angles 2 to one like a boat to rudder and mathematicall a rudder connecting to entire ocean floor could we say ala movie Inception form of hyper cub that the form of a hyper cube carries a Ricci wave like resononance of the relation of point to base which guides the transitions of polytopes and from inception to a-inception is then the hyper cube as monoidal to less a circle as nested but rather the parallel transport of an apeirogon then an adjaceny in the familiar 3 dim comparison to the corresponding higher dimensions they compare to as nested…this then a “leaking” motif in the string repertoire of analytic… and brane whipping of tangle diagrams as for

example they describe a magnetar? The Langlands itself asa functor between categories giving an analytic view in process language as in the long haul from bundles we have seen bundle to kernel morphology in book keeping per cyclical invocation of braiding procedurally advancing original qualification of the Hamiltonian through the Shroedinger and Hilber wave to higher dimensions and Shimure estension of affine algebras to affine category expansion sorting the Jones Poynomial to homology of the ontological category thus Langlands Sectral to Automorphic to that continuity marked in a Boohmian Super Implicate carrying Langlands to Post Langlands within it's own process...as bundle to tangle to a post geometric addendum on ancilla from contingency to exigency where the eikei or

being root of exigency meets the ontology of genoskein?

Apeirogon Knot

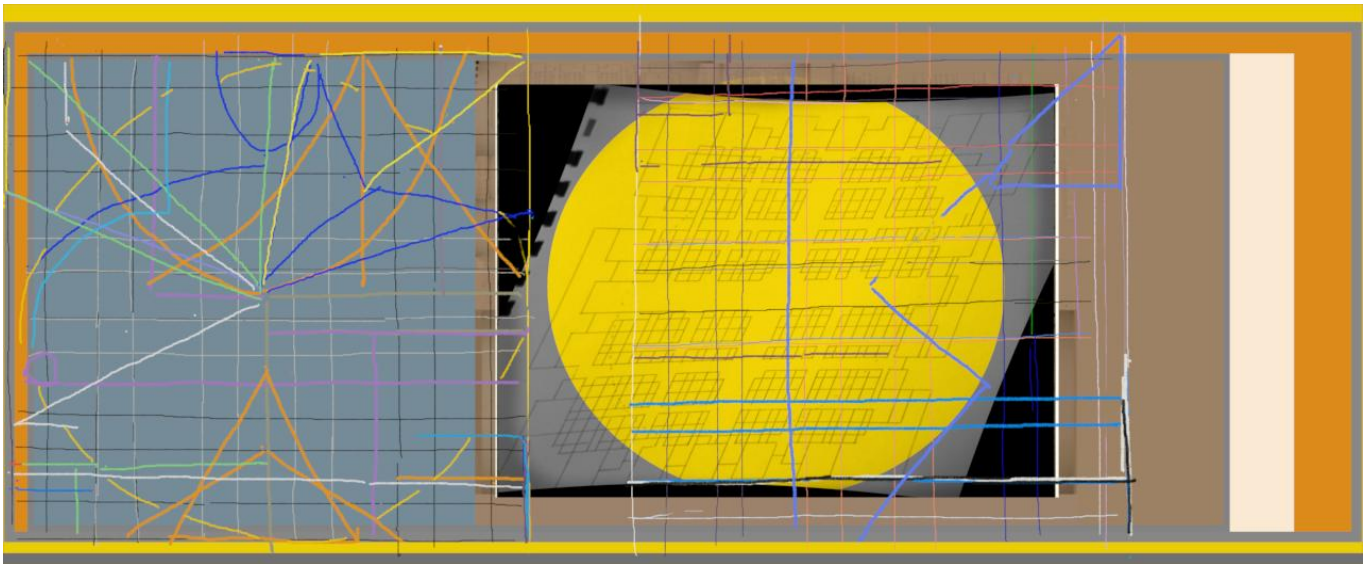
A holographic Border might be considered the graphing of a knotted bulk and the crossings taken to the border shown a kind of apeirogon knot... if the tangle diagram as it has serially evolved between spectral and automorphic modes analogical to qualified Hamiltonian modes Schoedinger upon Hilbert and the Category modes in process the lift on the process from tangle diagrams Khovenov reading of the Jones Polynomial to higher topos category theory brings a graphing over the ribbon structure and its projection of hypercube resonant to each higher dimension where now the Langlands post measure and even Post Langlands meets an Exceptional point as the Graphing

must now have the automorphic play the part of the spectral and its geometry has become a qualified automorphic as the correspondence finds within the meaning of reciprocal that complexity.

The drawing structured golden section neighborhoods to find the diagonal that marks the transpose from the border referents to a normalization over a group of nested structures to the golden section formalism in kind of base Phi of which then the particular sequence/neighborhoods/cycles of .4224 which as four times the interval of the square root of five twice in a square has complement .578 aprox or squ root of three and .4224 squared as .65 and this in reciprocal 1.5393 where .5393 is three times the golden section

module(in general the relations of pi, e, and golden section are considered as a kind of y-cleft of commutators in the skein or geno-skein navigating mode rudder like in diagram and diagrammatic of monads... also then .466 the Feigenbaum is as cubed .101 and this is related to both .707 as square root of two and .606 as unity plus . .65 and .65 as described before unity plus three times the golden section module... and a third member of group is e as in reciprocal .3679 this squared .606 and i.3678 times 3 as 1.1 added1 .618 then 1.718 per 2.718181828459 and .1828 complement of .8172 reverse reading of 2.718 where .8172 is 1.382 or unity plus complement of golden section.. the numbers added = .796 and this squared .6336 or half ratio of .788 the golden section square root ... this added to another

group will give the square root of two as used for projection and that other group is the inverse of pi divided by the inverse of C speed of light respectively .3168 and .2997 and that quotient 1.056 is ten times the interval of the square root of five twice in a square and three times .1056 as .3168 inverse of pi also square root of ten and this added to the inverse of square root of 11 then .618 the golden section module....



703 s3

The Nature of Nature Beyond Harvest Systems of Quantum Manifold

Robert Smithson made the point that before the Impressionists the entry of landscape marked in Flemish art as spirit matter strictly prevailed by implication that Nature as the mind of God and harvest of man was then not awarded any particularly independent category... in our age quantum absoluteness provides a similar disruption of our anthropomorphic landscape... thus artists making forays into the country ala Corot and the Italian landscape or Vangogh on the road in windmill drained Holland... In the Renaissance Claude Lorraine stands alone as an artist with a

kind of perception of Naure itself. Even now, the Many Worlds approach needs to tame the quantum to status of worlds, pre existing rather than the absolute rawness that it really Is....and so in mathematics as well knots as the tangle diagram for the advent of continuity recognized advance of categories upon themselves tames a landscape of post Peruvian knot counting... through a process originating in qualifying Hamiltonian structure, relating Schoedinger equations to higher dimensional Hilbert spaces, Topological accounting meeting Monoidal stacking per Langlands or Betti holes to Poincare categories and advanced degrees of Hom brackets to Moyal star lifts of abstraction

recognizing higher dimensions to non commutativity and relating at the juncture of a tangle diagram to knots the Jones Polynomial and heightened abstraction to Khovenov homology and a point where the Langlands spectral to automorphic becomes self critical within its own mode and find in reciprocal nature now a complex factor as the automorphic becomes spectral... how to advance this process then means recognizing all these steps along the way as embedded in something like an Aizawa Attractor of all parameters ... and coming to terms with quantum strangeness and counting infinities as for example finding a kind of Apeirogon aspect to Holographic

projection as the effective knot crossing system at a point where knots and spaces are categorical objects projecting Monadic Categorical in the realm of quantum which is pre geometric and itself has no space or time and requires there by even a recalibration of infinity. For example the relation of thinking per three dimensions and the unit square to hyper cube is a at the latter a thin wall between the higher dimensions it counts which themselves are not the form of the counting apparatus.

From the Exceptional Point of the Automorphic and Spectral at Forgetful Functor Higher Sorting.

A maximal amplitude via forgetfull functors sorting category extension of Langlands as meeting Khovonov homology and contributing then higher sorting levels beyond tangle notation leads one to consider as well tensions on the number line encountered of course in the fourth dimensional anomaly and sorting values of Legegendre 3 square as well as Coucht infinities and Demorgan localization as to radicals how might one consider in complex terms the successive meromorphic runarounds relaying amplitudes which might emerge from

center to holographic array as distances and cagegorical distances in moduli terms to a king of apeirogon as receiving continual information with resources to consider as conformal and extremal mapping through taylor series, ,e, and rotations between z and j and k amounting to spatial dilation of which the triangle rotation as centering seems to carry through these resonances their centering aspects?

Let’s say we solve the problem of noncommutativity taken into record and give it an over all super implicate status… the emergence then is not of topology only but higher categorization which plays

out in two ways,,, mathematics will do unexpected things with higher dimensions and physics as higher dimensionally informed will relate to symmetry breaking which is not then the mere effect of measurement in processes....

There for Constructor theory borrowing Super Implicate makes room for the Rhea mode of Bohm as well... the Super Implicate will become self critical...

With Heraclitus: every point on a circle it's center...the point exerts the influence of the mass so to speak of the square root of two as a Categorical Diracs comb...but the line is on a sphere as you see the point of it's wave condensate a kind of

(Phi)ield… categorical is on a sphere line of questions… you can only enter the dimension by asking a question..you cannot just look and see it…

Gluon (Phi)eld

Is the quantum data set an automatic cobordism or have the automorphic and spectral become and exceptional point (EP) of which a kind of Dirac Comb in Categorical extension indicate the system

will self modify with a kind of lift or boost… (how many green spots on the mountain and how many mountains in the green spot)… corresponding to accepting higher dimensional relations to quantum prompt at point where both indicate a post geometric phase rather than a found topology…the noise of the data set indicating it’s probity.

Local and Global have been coined to the realm of relating Randomness Quantum to Deterministic Chaos…. Can “global cover Quantum where quantum is pre geometric and has no space, dimension shape etc…just a kind of infinite charge…?….

that then makes a nice ancilla to "Constructor" theory to the effect that question and answer wave max and min potentially cancel but also categorically Exceptional Point indicate further, that neither construction or destruction is immediately obvious or sustained.

Why LSZ is the Negative Space of the Langlands Correspondence : an Exceptional Maths Scape Drawing- Gram

In a bare bones view the qualified Hamiltonian lives in worlds of categories of groups and groups of categories, mappings flat and knot dimensional to higher dimensional alloys of partially ordered sets and degrees of understood coherence at holographic projections of infinite knot map meeting quantum and dimensional strangeness as motivators on the pre and post geometric analysis over the self critical threshold of the analytic plastic to elastic encountered continuum of noncommutativity yet critical over cobordism normalizations or

per Bohm of a super implicate yet a second look (Rhea Mode) thus the systematic self critical flux.

If the building of categories is the entropy of their solution in Heisenberg world we can look into an off diagonal Langlands as generating the fields which LSZ theory mixes ie the composition of subfields built Lagrangian style manufactures sub relations which give the lagrangian nevertheless an algebraic threshold which comparing to the progress of the Langlands between spectral and automorphic coalescing arriving at an Exceptional point from which the view is the negative space of Langlands, namely the group of mathematical groups and

resonances (where we define resonance as a subgroup energy coefficient sheaf which does not cancel out) that do not belong to Langlnands because of infinities or morphological continuity such as Potent groups (zeros on triangular matrix upper region with ones on the diagonal, infinite dimensional groups such as Kac-Moody and non algebraic topological groups such as the Apeirogon… thus the recent proof of Langlands Geometric has moved from Galois object mathematical to Geometric to a solution which is category over category thus become the Ep a solution which effectively imagines its own metamorphosis into here, the point we

look at the complement space now of the groups and processes not belonging to Langlands sorted to view by LSZ not theoretically only but theoretically - dynamically...by forgetfull functor we are more at ease with realizing of a pregometric and post as belonging to pre measure and post relative the full charge strangeness of the quantum and likewise the structure we cannot visualize of higher dimensions (while conveniently mapping to hypercube)... recognize the perception we make on data is one step off of what we receive as the information we make in that entropic conclusion the infinite and infinite morphing qualities themselves categorical conveniences set

up what is always a kind of art analysis… stemming from origins in poetry become o rhetoric become math become logic become physics become cosmology and of this then an analytic reflective process In which the laboratory of compressed material physics best gives the toy world and abstract mathematics union in which our own perceptions play the part of anions and the intuition that energy somehow is not different from what energy is not is the window on the problem Einsten opened and we can see in gradually different inflections as an inherited riddle of fated necessity…

The drawing itself poses jet like bundles which are asymmetric in the spirit of wave

and trough inequivelance maintaining form rather than cancelling in relation also to vectors which likewise from corners cancel , with a building up of normalization patterns such as grouping from borders (like an apeirogon to Holographic mode with intervals in pulse information the knot crossings so to speak, generated centroids as scale of possible successive normalizations, Tori modelling of higher dimensions, Demorgan fractal motif and relating to dyands and triads, Clifford and Jordan structuralism...

Radial structure at corners moving away from the composition itself relate to the

general posing of pre and post geometric...

Pre and post measure through integraton of s matrix and EP

LSZ theory give an interesting view over Langrangian process opening up subfields and in so doing gravitate towards an s matrix correlation towards the Langlands own self off diagonal process as an EP where category to category analytic states a pre geometric to post Geometric pre measure to post measure solution over the anomalies of quantum and higher dimensional Heisenberg world seen in an elastic to plastic morphology through interestingly, at the EP the view over the

complementary space of those processes and maths which do not belong to Langlands such as infinities and potent group triangular matrices ie non redductive groups as the implicate whole on the addressing of perception to quantum and higher dimensions as through a gamut originating in poetry to rhetoric to math to logic to physics to cosmology

at second quantization how do quantum degrees of freedom inflect on particle resonance to creation and annhialation modes with respect to the selected vaccua level and how does it handle information from other vacua levels...

Consider how LSZ fields refer to the ones they group , for example the generalization to field itself is still very Lagranggian focused but how this and others exist in a Langlands off diagonal is interesting to contemplate as one can ask of pre measure and post measure the idea experiments as well such as would propose post and pre geometry or Langlands automorphic and spectral as Become EPs to this process in a way not really out of order...

In the event of cosmic bounce the shift of vacua level would create a different tableau possibly with the intervention that like the LSZ formulation entropy of subgroups can be altlered by introduced

energy (or a compressive state as effective) does this compare to Navier Stokes as essentially of equivelance of motion and material elasticity gauged to a kick back force of encounter?

Off Diagonal Langlands and Offshell Pre Geometric to Post Measure

The drawing considers the evolution of the Geometric Langlands as it moves from origins in relating Galois groups diagrammatic to mathematics to then the automorphic to spectral as a grouping order which comes into play in the categorical process between plastic and elastic modes we see in the relation of the evolving Schoedinger equation to abstract Hilbert space and to bundle book keeping taken to Tangle diagrams where the three dimension mode is taken to Pos sets and non commutative mode with higher projections and screening per the Jones Polynomial, the Shamira boosts

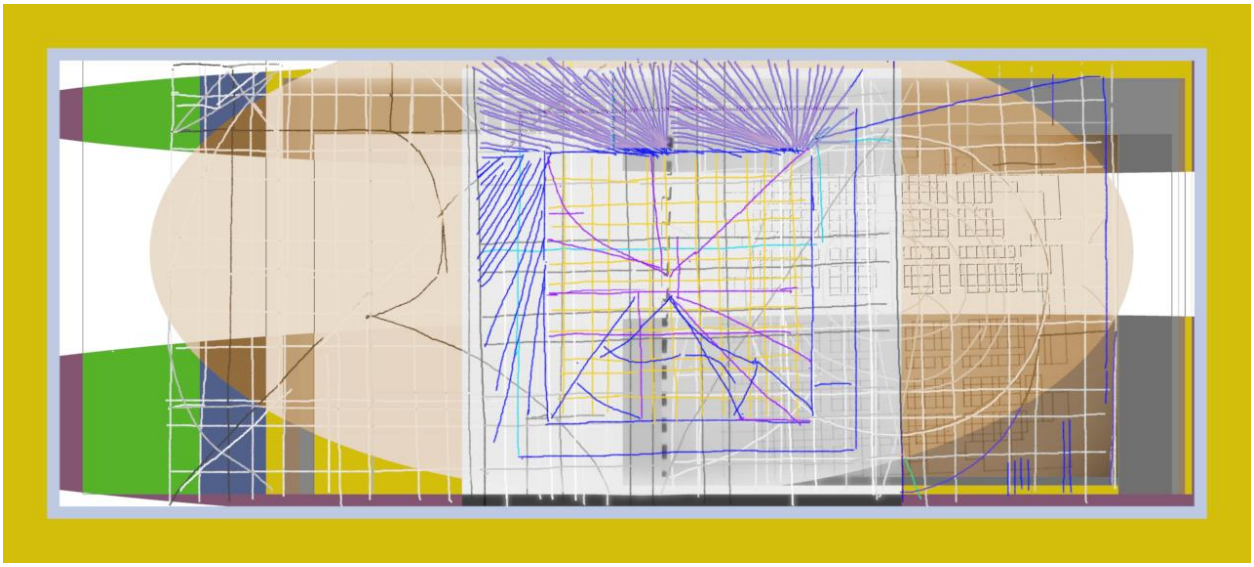
and at this Khovanov Homology refinement of screening point from the previous integration of Langlands in string AdS/CFT mode between world sheet and world line the moduli stack mode at Hecke sheafs is a higher screen in the categorical mode ... the Langlands scope however does not take in infinities or exactly solvable modes, these being off diagaonal so to speak (even as paradoxically the Langlands correspondence as reciprocal is already off diagonal) but to the point it evolves itself to a kind of EP or exceptional point as it completes its theory and those areas that are its complement as outside its scope have a fluidity one can relate to LSZ

theory which identifies the aspect of injecting energy into a system as altering entropy , similar in effect to Hawkings radiation relating to the prior environment in a regrouping at a certain point, and then this also to Stokes Navier if we may consider all this in the fluid context of cosmic relation to the strangeness of Quantum and higher dimensions themselves without shape or form although we map the higher dimensions to hyper cube that is only a convenience to something we cannot visualize... the Navier Stokes relation of an equivalence I of motion and material elasticity gauged to a kickback substrate...

The relation over the post measure leaves one with the quantum as between being and non- being and charged…the event of non- being as mappable to particle emergence and of charge to relating the degrees of observation as relating to substrates they bring with them, amplifying the subgroups to their interactions over expectations becomes the reconsidered perspective.

The drawing relates creation to annihilation modes as jet like forms in corners which express ratios asymmetrically and projected to center in relation to jets which are symmetrical… a

variety of normalization modes act as monads in nesting these in variety as centroids, rotation to triangular matrix, measure from borders in the spirit of a Apeirogon mode of holography in which space of eternally arriving information are the crossing of tangle diagrams in the extended clause, De Morgan duality in the fractal network... and radials which symbolize a pre-geometric state of the plasmoid content of a cosmogenic loci which states to the Navier Stokes reference....



370z1

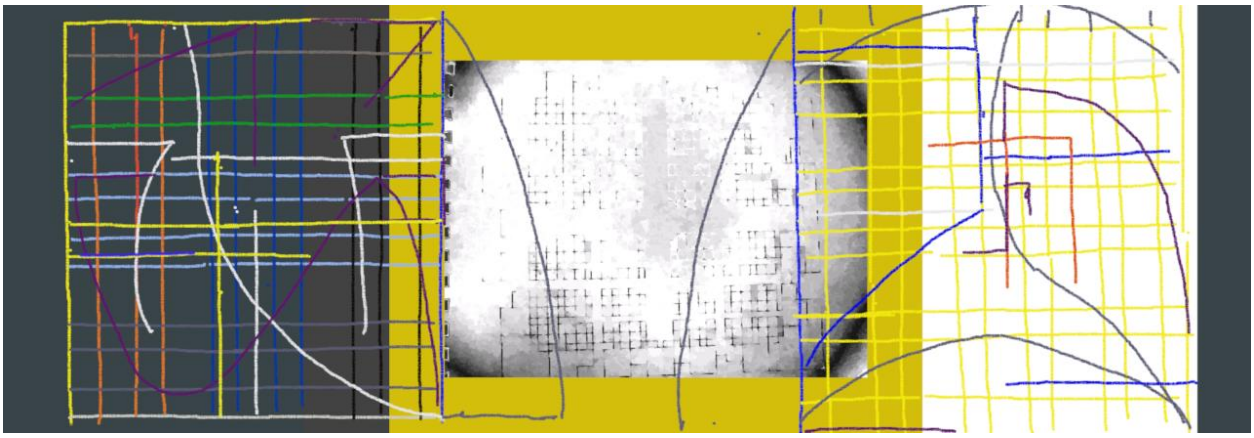
Spectral Tripples and DeMorgan Dyads Nyad's of the Deep

Previously, in the skeletal morphology of a barebones geography and a fluid byline in the mathematics of an LSZ/Langlands Correspondence meaning a link between the one theory (LSZ) which relates the aspect of energy introduced into a system as altering the entropy of subgroups and introducing POS sets (which as relating to derived groups also exactly solved and through topological filters exactly solvable calculus which is a class which falls outside of the scope of the Langlands Correspondence which of itself holds to it's duality and controlled continuity as opposed initially to such a

continuum as defines the smooth calculus has also the limit of not relating to infinities… open but not infinite sets. Yet never the less the two cover their complementary space to form Correspendence of sorts between themselves which as the Langlands becomes in it’s correspondence a kind of Exceptional Point as the Galois graphs become more like a geometry in the analytic the relation to pre measure and post measure arriving to a status on the strangeness of the quantum and of higher dimensions compressed to simple charge, being, and non being at this particular point in the analysis… In the drawing then looking back to Connes

spectral triples and a sensitivity to Dirac's Comb or the status of a vertical measure or plumb line through Pascal's pyramid the drawing here studies a Y-cleft motif as diagramming an exceptional point in motions so to speak by giving it the correlators of Pi, E and golden section as commutators in the structure point to wheel and focusing on a golden section Galois Group which features triples and a shift to Jordan from Clifford Matrix as a complementary correspondence now of third degree… this being a consideration of Page Groups or that aspect of Hawking radiation in which radiation past midline of event begins to couple strongly with previous environmental condition and

lowering entnropy which scales to a feature like a Dirac Comb...thus to comb the nohair as it were...



371a3

Drawing Around Higher Dimensional Imprint -Immersive and Submersive:

Unknown Hermitian and Forbidden Image to Post Cosmological Censor and Geometry of Being, Non Being and Charge to Quantum Dot and Pixel Correspondence.

Then considering a theme of higher dimensional printing in their vacua lattice and compression aspect with LSZ overtones from outset and reviewing Langlands from mathematical to Gallois map through Geometric Langlands and a kind of EP where the map now becomes an advanced categorical geometry and then post geometry to simple status of

quantum being, non being and charge as a preliminary horizon then on say cosmic expansion :

could there be or has there been a comparison of the pixel to quantum dot in relation to condensed material toy world or universe as giving over the pixel mapping to quantum dot anionic like and Abelian connection to identifying noise per LSZ but also thereby also indexing it rather than editing it away would there be the capacity to program into the hole universe of the toy a model of lattice expansion giving physical trials to expansions simultaneously recorded and analyzed to the pixel mode and between

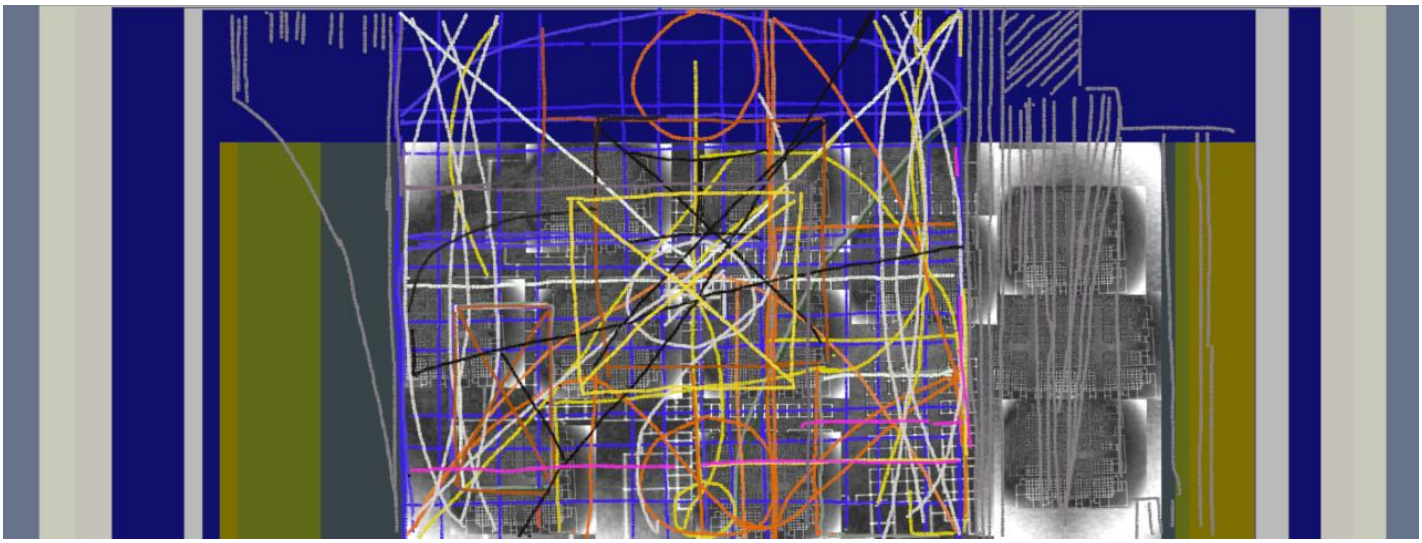
them a relay system or feedback status on analyzing the potentials?

N-Dimensional Chess of Drawing Quantum Circuit Board through a Hermitian Golden Section Grid Scaled to Planck

The drawings interest in in relating the drawing in a digital medium which is a simulacra of drawing and print and the relation of pixel indices to considering the quantum computer as linked to compressed material physics in a similar building up of layers of indexing and structure where rather than the quantum computer envisioned as restricting the quantum ie forbidding noise and in a sense working outside of its actual medium... instead use the noise reference as indicating higher

dimensional structure... the .0156 value is an integral which covers the surface and via relating to .1056 the space between the square root of five twice applied in a square the value .0056 is mapped to the Pauli 01/10i matrices and the drawing finds the spaces between the middle and center as like Bouillon zones sympathetic to the creation of anion like throats.. and where the top and bottom compress and center expands, where they meet a gnomon directs a normalization and in relation to this jets structures or bundles which may or may not be symmetrical as creation and annihilation vectors relative also centroids to edge mapping and structuring dyads and triads as directing a

general tension between plasticity and elasticity which follows the evolution of a categorical approach following higher dimensional input. .0056 relates to .56 where .56 is 1.7854 and .7854 times 4 pi while its complement is the tenth part of the Feigenbaum



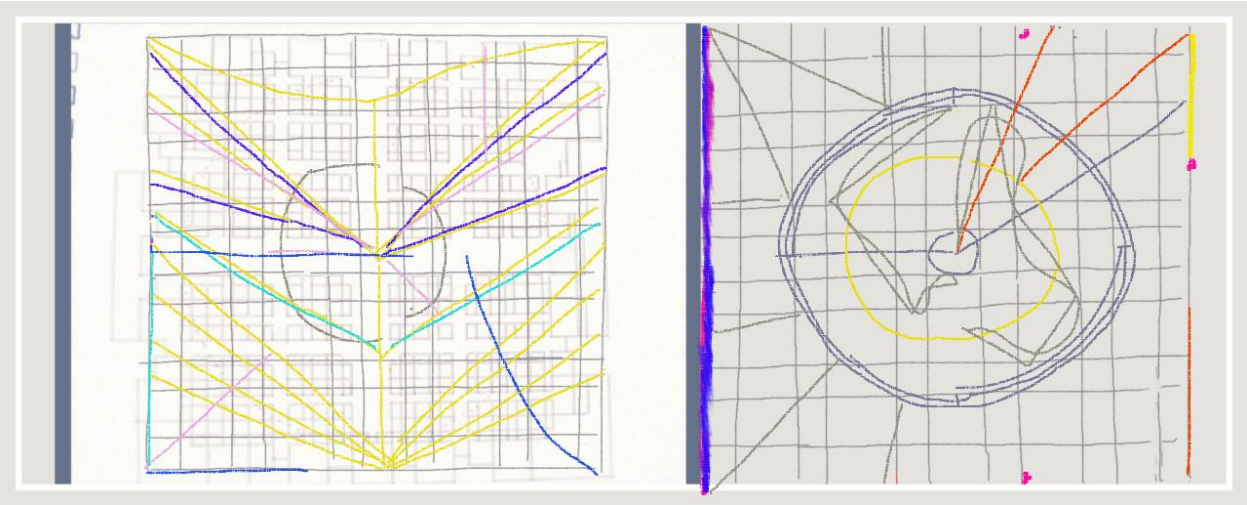
371b5

Of Entasis and Instantons : Deconstruction and Refringence

Rather than bad form : introducing a subject by preposition is like putting aside the smoothness which conceals an asymmetric note place at center characterized by the Greeks as placing the entasis aspect or deliberate swelling of the column which paradoxically is like encountering to the smooth calculus cure the information of noise. In LSZ mathematics the degree of entropy as defined in Hawking radiation as stabilizing is defined likewise to th perception that energy introduced into a system stabilizes at a point which in the case of the BH has

to do with at midpoint (nature is very observant of crossing midline as in the structure of our reflexes and corresponding cortical integration)...the physical black hole taking course of renewed coupling strength in background at that point... one compares this with the general Maxwellian relation of the electromagnetic field on the one hand and on the other the throat form and anionic bending of Brouillon zone in superconductor field carries the resonance categorically that the question itself alters itself like the quantum response to measure... the drawing takes up a schematic and broad generalization and interpretation of the Chen-Teo

Instanton which reorders the angular expectations of a torus model and in the expression I adopt I place inverted or star polytopes in successive halves successively introduced into a torus mode and the a ring down mode where these radiate in the manner of the early Stella pinstripe paintings as they recognized the structure of the square root of two, but introducing to each of those edgings a birefringence or altering echo of the subsets information and Galois group orientations. (the polytopes follow the structure of the Geode that symmetry is not necessary in the combinatoric)...(a kind of inversion of the smooth rule)...

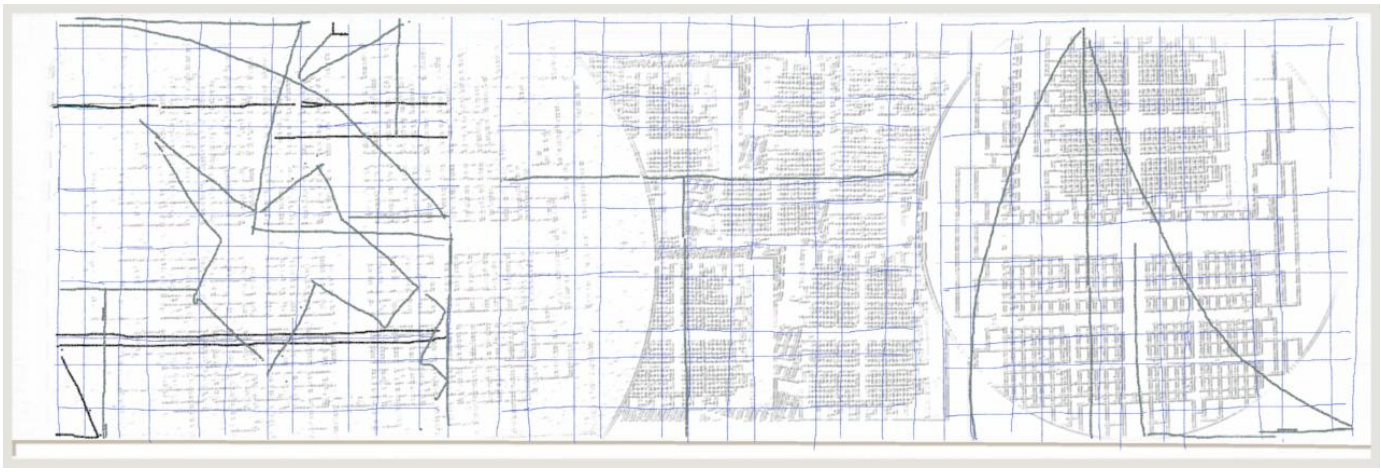


371c3

Drawing through the Image Noise of the Mean of a Phi -Lens Philosophy

Considering aa a group idea vectors on the principle of entropy unified in their variety of generally reducing entropy thematically :are specifically (a) the Hawking BH radiation which finds input radiation branching to coupling with reinforcing previous strength and gradually down grading entropy to the same essential principle of then (b) LZS theory where likewise energy placed into a systems entropy will reduce coarse graining the information, (c) also to consider then Wheeler -de-Witt theory of an entanglement between open snd

closed universes settling to a flat system) there is in the drawing's analysis the aspect of Kininch's constant as a mathematical mean over progression taken as an example of a constant which describing the invariant and is as simplified the ratio 2.6854 can also be considered from the standpoint of it's actual ratio not as altering the invariant perse but containing information which is the ration of 2 to the fraction .6854 and valuing 2 as .5 the ration on the one hand is .1854 or times ten 1.854 and this three times the golden section, while also .6854 is 1.46 and ten times .146 the fourth turn of the golden section spiral this gives me a " phi" lens philosophy so to speak.



371d2

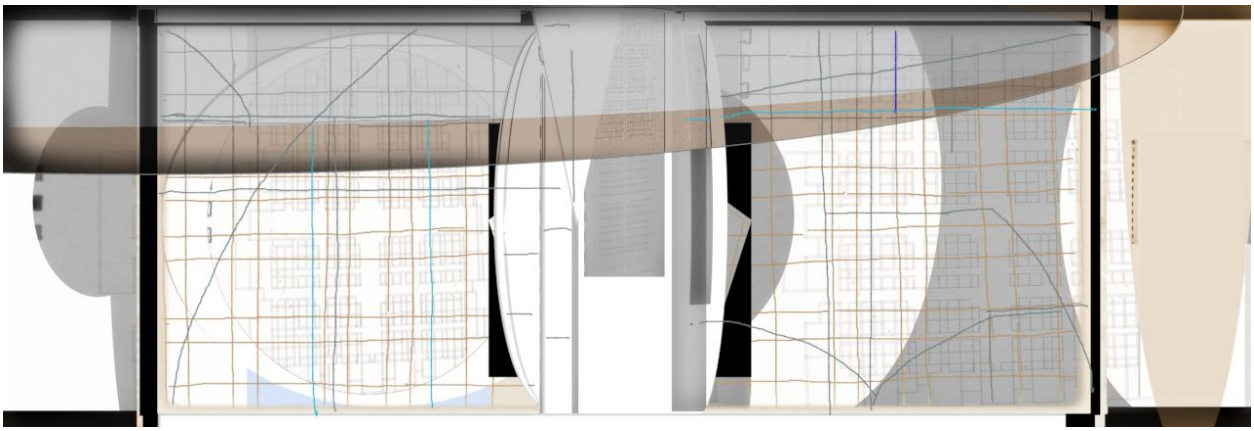
Super Mini Maxi Universe Conformal Tax on N

As Goedel observed a number map not just a superficial process in order but also itself thus a constant arrived to a ratio can view that very ration as stating a relation numerically of say a fraction to a whole, continuing the logic were one to say in the case of a shift in the Higgs vacuum level a new universe new laws could be for example posed as perhaps analogical to the valuation of e propose that Kinchin's constant play a role as a super mini maxi verse condition of a conformal tax on dimensions per the fourth's expansion by relegating that as an addition to the value of the diagonal on each N would

this then be all that different than what is already the case?

In the drawing then I have taken Kinchin's constant as 2.6854 approx in ratio then .5/.6854 =1.292 or .7739 and 1.292 is .6336 + .6584 where .6336 is half ratio of .788 square root of golden section , six time .1056 the space between the square root of five twice applied in a square and twice the value of the reciprocal of pi... and .6584 in reciprocal is 1.518 where .518 as 1.927 is .65 +.6336 +.64 whee .65 is unity plus .5393 or reciprocal of 1.854 as three times the golden section module and .64 as 1.588 finds .588 1.7003 where .7003 is the complement of .2997 or c speed of light... multiplying this against the values of square roots the .7739 times .578 or square root of three gives the square root

of four and .7739 times .4086 square root of six is .3168 or reciprocal of pi approx.



371f1

Hamiltonian

Qualified Hamiltonian

Shroedinger

Hilbert

Maxwell

Bundle and braid

Tangle

Connes

Jones Polynomial

k-disc operands

Moyal star brackets, hom sets

Shimura

Kovanov

Creation and annhilation vectors

Langlands mathematical Galois/ Geometric/spectral automorphic

Hecke sheaves

LSZ(annhilation and creation vectors)

Moduli Stacks

Langlandes EP// being, nonbeing, charge

Pure and mixed states/ information

Fair game

Betti Holes

Poincare levels

Dirac modes (comb)

Fourier

Galois/Legendre/Gausse

Etalle /allell

Pi-adic

Higgs Mechanism

World line, World sheet

String vaccua, AdS/Cft

Bohm Super Implicate

Model of Kinchins constant to Goedel mapping on number ratio extension projection plasticity, elasticity, roots and dimensions

Higher Dimensions and Quanta

Higher dimensional printing

Calabi Yau

Phi-philosophy

Dewitt Wheeler entangled open and closed universe...

Time Crystal

Compressed Materials lattice

Anyions, vortices, vertices, Fibbonacci

Magnetars

Quantum dots

Pixels

Arrays

Golden section Hermitian grid and Planck

Quantum harmonic oscillator

Geode

Ampluhedron

Apeirogon

Eps

Affine algebras

4^{th} dimension anomaly and Legendre 3 - square

Inductive Modes

Cantor sets/Dyads, Triads, Clifford/ Jordan

Demorgan

Gnomon

Inverted star polytopes

Dimensions per tori

Unit circle and cube

Hyper cube

Trans Universal Teychman theory

Exotic dimensions

Quotient space

Residuals

Sub algebras and groups

Monoids

Functors

Operands

Pseudo particles

Pseudo random

Quantum numbers

Quantum degrees of freedom

Octonian, quaternion, Division Algebras

Extendor graph

Higher topos

Spectral triple

Reduced rough dimensional graining

Smooth analysis

Randomness/chaos

Expansion

Etropy

Tunelling

String throats

Anion throats

Brioullian zones

Holographic principle

Ring down

Fuzzy numbers

Page time and Hawking entropy

Bend phase of page time

Plasma, Bose Einstein

Plasma charge

Color charge

Monster Moonshine

Titts Building

Plane wave

Wilson Loops

Birefringence

Poincard discs

g-bundles

dbrane

composition

determinant

characteristics

centripetal

centrifugal

isotropic

anisotropic

homoloty

homotopy

isormorphic

meromorphic

diffeomorphic

endomorphic

anionic brane whipping

Aizawa attractor

Chaos, attractor theory, game theory, information theory

Galois Gausse

Etale sets

Ordered sets

POS partially ordered sets

Directed graphs

Geode

Gas

Random Walk

Warrant

Forgetfull Functor

Bulk area

Surface area

Observer

Phase

Cycle, ring, period

Symmetry

Symmetry violation

Von Neumann entropy

Fiber bundles

Traps

Cavities

Many bodied states

Entanglement

Superposition

Collapse

Decoherence

Equilibrium

Gap

Diabolical point

Ep

Saddleback

Singularity

Singleton

Zeta function

Image

Kernel

Weak signature

Cosmic strings

String theory

Guage theory

Inverse square law

Pascal’s Pyramid

Triangular matrices

Hodge Diamond

Hodge theatres

Vector theory

Nucleation

Cosmogenesis and Higgs mechanism.vaccua

Jets and independent vectors

Centroids

Log

Fluid Dynamics

Plasticity/Elasticity

Bundle theory

Leaves

Riemann spheres topology

Time Cone

Orbifolds and polytopes

Affine projection and exotic structure

Complex structure

Trees

Amplitude

Probablity

Resonance

Noise

Computability

Directed/oriented/induced

Left /Right analysis = bracket

Quantum degrees of freedom/dimensions

Wavicles

Fields

Mechanics

Sorting

Filters

Nets

Damping

Super conductors

Holes

Lattice

Compression

Extra dimensions

4 dimensional anomoly

Micro wave cavity

Laser tweezers

Sonic tweezers

Dimensional boosts

LaGrangian

Anionic tunnelling

Graviton

Heisenberg Uncertainty

Goedel mapping/ reference

Thought experiments

Slit Screen - Wheeler

Russel

Turing

Bell

Bob and Alice

As closed strings float through all dimensions porously like neutrinos... one might take the idea of dimensions modelled on a torus and review this to the status of a centroid or center square embedded in another of which the corner meeting it will be a gnomon and tracing the expansion of a center the gnomon lines of force left open in the map to the centroids can then if allowed to disengage become the closed string neutrinos... but furthermore if lines of force as jet like forms are created at corners and extended to center of torus they could perform a surgery on a dimension loop and cause it to contract, releasing the loop as another closed loop, and over time like a black hole there would be a holographic transfer from centroid bulk to horizon... in string thery colliding open

branes would be equivalent of a big bang...
what keeps them normally in place?

Enantiomorphic MirroriM

In a subtractive mood of M theory for a moment in order to reference the relation between the unexcited conformal vacuum state (the pure quantum as genuinely random) and the entropic degrees made upon it constituting our experience of phenomenon and construction of probability...cosmic squeezing of environmental decoherence...you will find encoded in the drawing the enantiomorphic solution of mirrors subtracting own image as a way to construct the proposition of thinking that purity.

More tellingly, the drawing relates the coding of dimensions on a torus as string moduli discs intercepting both Gnomon like layering

in which those suggest closed strings relative the torus open, and through which at corners jet like structure may implement a charge energy bundle operating on the torus so as to surgically remove a section then become a closed string which floats through all bulk dimensions unimpeded as analog of an neutrino... the surgery self heals via the quantum degrees of freedom(noise solutions finding higher dimensional imprinting) allowing pseudo particles...

The drawing works from a phi philosophy ie phi as golden section base and secures a base reference to .112 which is reciprocal of vacuum permittivity and this as 8.927 is doubled 17.854 or 1.7854 finds .7854 times four pi and pi as in reciprocal three time the .1056 value between twice the square root of

five in a square and this twice then half the ration of the inverse root of golden section... multiples then made of .112 provide as doubled .2236 or half ratio of .4472 square root of five and parent of golden section... 4 times .112 gives .4472 aprox.. five tuple is .6708 or three times the half ratio of .4472, six fold is.788 and inverse square root of golden section.. seven times .112 is in reciprocal .896 times two is 1.788 approx..

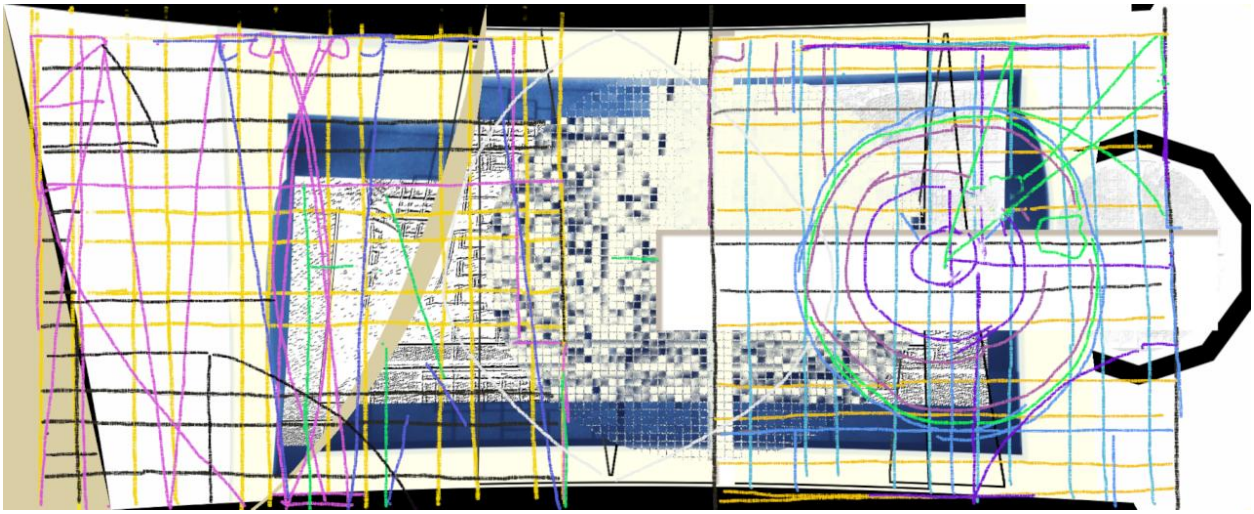
And 9 times .112 is approx. 1.1056 where .0156 is a derivative also = 64 and is the value of the reduced Plank and covers the golden section grid evenly, thus the whole grid space acts like a quantum dot linking the field as an analogy potentially for relating condensed material physics to a diagrammatic bonding

quantum strangeness and higher dimensions as involved…

Returning to the theme of inverse mirrors we can find the palindrome in Euler's for example in that wraparound e.g. 2.718282828 where 2718 are mirror of 8172 and the term .1828 is the complement of .8172 which as 1.2236 if doubled is square root of six… in the drawing I turn to Kinchin's constant of 2.6854 in a more elaborate way of mirroring linked to Goedel mapping as viewing the ration of the mapping thus 2 relative .6854 and .6854 a golden section derivative and in reciprocal 1.46 or ten times .146 as the fourth turn of the golden section spiral and taking 2 as .5 for the ratio .5 divided .6584 is .7729 approx and this in reciprocal 1.292 places .292 as complement

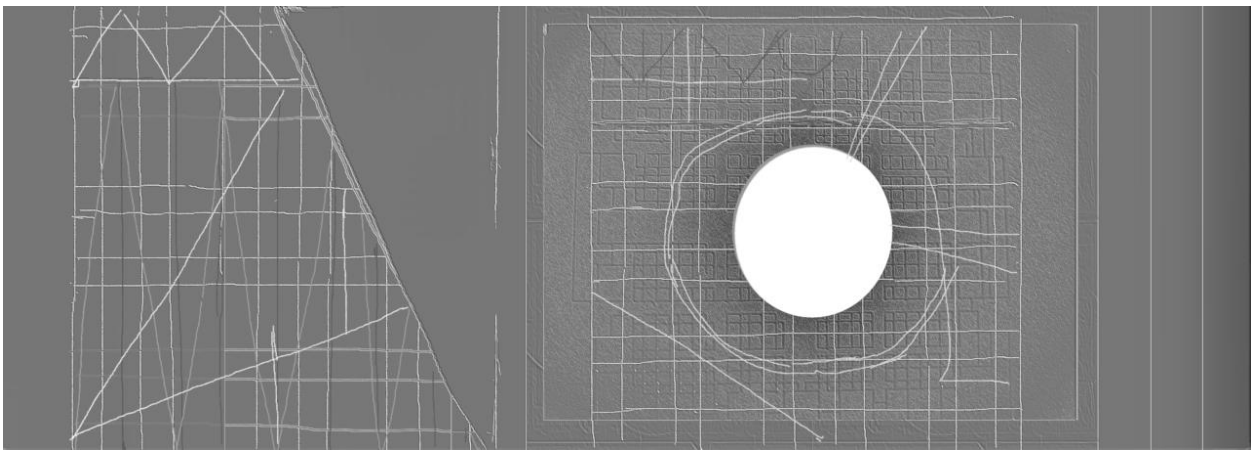
of .708 as square root of two and three times the .236 value third turn of the golden section spiral... and 1.292 is .6336 plus .6584 where .6584 is 1.518 and .518 as 1.927 is if doubled 2.854 in reciprocal .35 and this the complement of .65 or unity plus three times the golden section module while .6336 is the half ratio of .788 the inverse square root of the golden section and .6336 in reciprocal 1.578 is unity plus the square root of three...

In the complement field of the original .112 the value .888 is in reciprocal 1.126126.. and .126 squared is .0156 the value of the Planck the golden section grid is constructed on...



BH Tectonic Holo-Dimensional Ringdown of No-Space Parameter

In this drawing the idea of artist's "no-space" as in minimalist sculpture's photographed with no background is considered as projecting the idea of a singularity, and considering the general idea of the imprinting of higher dimensions as say the torus modelling the representation is like that of a printing plate as a singular object... in this case the idea concerns two black holes merging to a ring down occasioned by static hole merging with a spinning...e.g. Kerr and Schwarzschild finding equilibrium in a tectonic plate.



371i3

Drawing on Information Draft

Picasso observed that drawing is a perception of time and Drawing is fundamental to human thinking as for example some 300 drawing verbs deliberately created in Sanskrit to show distinctions of approach such as drawing, near, around, conclusions, people or event, drawing a plow , Dylan “the ragman draws a circus up and down the street” here also using a the rhetorical ‘straw man” or imaginary protagonist)) drawing a parallel etc etc are also transferred to “ rhetoric” and this to logic and math… ie grouping procedures and prodedural warrant…

so turning to “information” the word itself as In-formation similar to a construct like “in falling matter” belongs in rhetoric to the class of “adjunction: or using a verb at the beginning of a sentence in this case modified by a proposition… and the idea of formation gives a verb modying an object as a suspended verb e.g. formation… implying that information has to do with developmental clauses of construct some of which can be gleaned by glancing at a very few rhetorical terms… such as: “agenda” or a salient upon which one spins..”apakoinu construction” or the

use of the same word to mean different things…”appeals” devices to invoke authority towards ones argument.. “antimera, substituting a noun for a verb (physics) “circa rem” the circumstances surrounding the act (back to the Dylan circus)…”eristic” power of persuasion when the truth is unknown.. enumeration… making a point by listing…”field dependent” as facts assessed to a context “field invariant” assessment independent of a particular field…

Knot, Null and Ranchhouse No-Space Substrate Topos and Phi-Bit

If one takes the quantum reference frame idea and invests it with a summation as quantum loop wave that can be seen as a Dirac Comb in which the bundle incorporates infinite densities towards relating the signature form of the gluon to reading quantum charge pre deterministic to deterministic can one find in the relation of decomposing the EP of the world line and World sheet and Ep of langlands where the physical and map begin to place the Goedel mapping into this mode can one then say the

idea of the categories have begun to decompose into a deconstruction yielding inverse momenta on original understandins at this quantum reference framing now seen in this transformative lense for example

if a proton finds in massless quarks the charge it translates as mass to energy how in this chain of events might one extricate the potential to understand from the standpoint of a particle as informed by a chain of decoherence parameters a potential to be charged to a condition near or at what would be the unadulterated quantum on the

other side of the proportion represented by the speed of light

Slow Roll from Nullity Horizons through the Invertible Time Cone and Base Phi

Here we propose drawing a symmetry somewhat in the matter of an artist turning the brush over to draw with the other end… a variation on inverting the time cone is proposed towards approaching the quantum absolute, this time in relation a studied objective (resonant perhaps to Picasso’s dictum “drawing is a perception of time”) the nullity of physics is considered and in relation to a time cone where that nullity is a definition on an absolut compression of time, space,

momentum and dimension and in the categorical sense of a singularity the drawing itself works from the concordance of the artist's "no - space" or single object immersion ie photos of minimalist sculpture with no background and in the drawings case a reference to a printing plate as a similar object in the composable visual reference...

The stated interest in the quantum absolute is that which is the substrate beyond the Lindblad analysis which is on the deterministic side of the quantum. Rather looking then to the state which Expansion destroys

evidence we study towards what is the absolute unadulterated quantum before it meets our deterministic side via entropy of expansion and now there will be no particles, no gluons, no gravity waves, no gravity...no color charge, no electromagnetic charge... what then, so to speak is the charge of the quantum itself?

Considering the nullity we draw a distinction at no -dimensions... in stead, what appears to have happened (and we shall note we have one very weak signature of evidence out of all destroyed that inconsistencies in the quantum of a very slight nature were

pulled out by Expansion and these became the entropy delivered deterministic world we know as probability and wave function)

To get to the other wave function which is as a maximal condition the general reference in physics identifying the pre cosmogenic we turn of course to “wave of what” function of what? “What “is the substrate? What is the primeness of the Prime Mover? (we can make a mental note to Aristotle that while many recoil in horror at the mention of metaphysics , when all information has been destroyed we then arrive at a deductive horizon and

here we are fairly reasonably at the null)

Helpfully, we know we cannot visualize a dimension. Nor a field for that matter, and tellingly not the Quantum... therefore considering the possibility the quantum and higher dimensions/extra dimensions are one and the same thing by drawing the ends of the time cone through their center we arrive a slow roll through the nullity horizons which compose a density of symmetry as the decomposition matrix of densities we can ascribe to an invertible cycling that we can trace to the speed of light...

just as the Goedel theorem on the self reference of mathematical structures as describing not only some objective but also their own progression and ratio (Like Cayley mapping procedures)... likewise, what is the information that the limit of the speed of light also carries as a mapping of yet another charge we will call the quantum?

The drawing then identifies .2997 as a relation to unity for combinatoric purposes and studies a series of attributes in a Phi language base (golden section) of which to begin with the complement of .2997 is .7003 and

it turns out to have very time cone like properties as an invertible cycle thus we see... .0073,.073,.73,.703,.7003 as our invertible and the relations to the golden section (which is a continuous relation to unity such that the unity emerging in each part may act as an enantiomorphic mirror, a mirror erasing its own image and also composing a kind of bit function)....0073 to the negative third is .292 and this is twice .146 the fourth turn of the golden section spiral and .292 is the complement of .708 which serves as the square root of two composed of three times .146... of

.073 the complement .927 doubled is 1.854 or three times the golden section module, .o73 to the negative two is .27 and this times 3 is .81 in reciprocal 1.234567 which serves as a combinatoric stabilizer....73 times two is 1.46 or ten times .146 the fourth turn of the golden section and it has some reference t Eulers 2.718181828 (likewise as a palindrome per 2718 and 8172 where .1818 Is complement of .8171 (that number in reciprocal 1.2236 and double the square root of six) and to our purposes .1828 times 8 is 1.46 while the square root of 8 will equal four times the the square root of

two... .703 = in reciprocal 1.4224 where .4224 Is the complement of .578 the square root of three and is twice the value ..1056 which is twice the value of the gap between the square root of five parent of golden section applied in square... and finally .7003 the complement of .2997 is in reciprocal 1.427 and doubled 2.854 in reciprocal .35 complement of .65 which in reciprocal is 1.854 or three times the golden section module...

The number .0073 also belongs to the continuous golden section suffixes that comprise .0073, .0064,.0055, .0046, .0037, .0028, .0019 and these in

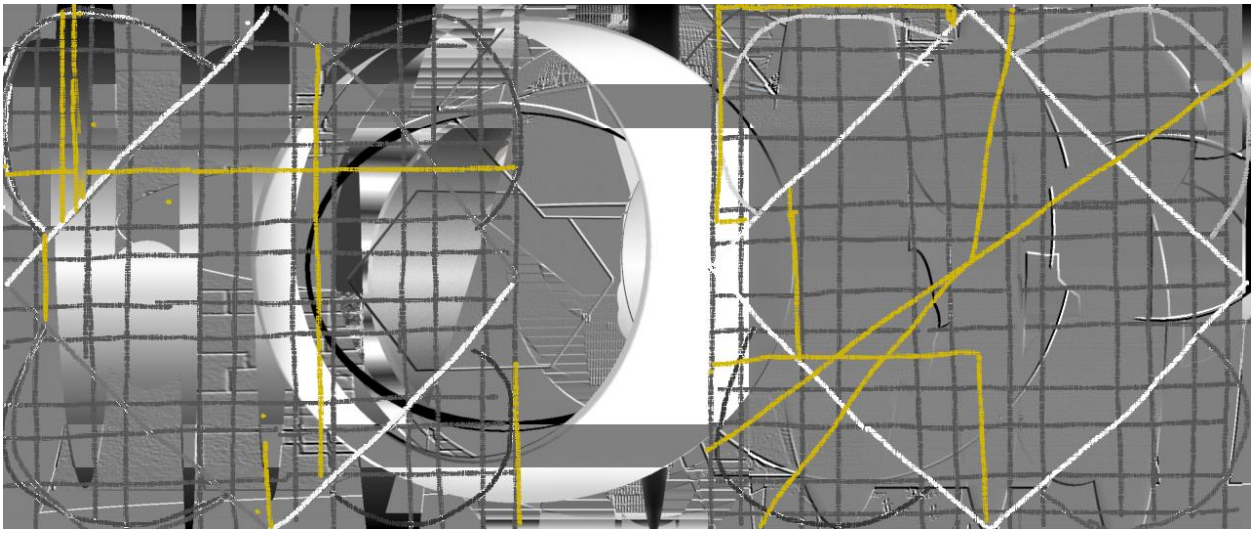
relating to base ten this way seem a relation to the golden section as being the sum of the inverse of the square root of ten plus the inverse of the square root of eleven…in the invertible series (the famous inside out basketball illustrating the fourth dimension)… the idea of dimensions and the quantum as the same at this brane of inversion carries per the golden section traces on suffixes of Kronecker’s theorem where the distribution of the suffixes between bulk and horizon are porous.

The drawing has found for its working purposes that adding the suffixes to

the progression of the cycle leads to golden section partitions... The drawing abstracts these ideas into a quatrefoil motif, borrowed perhaps from the North Doors of Ghiberti...

The tenfold motif reflects on the .2997 or c speed of light relation to the electromagnetic vacuum expectancy which is in .112 and this number in reciprocal is 8.927 and doubled 17.854 or ten times 1.7854 and .7854 time four pi, while the golden section inverse square root of 1.27 as .788 bundles the value of twice the gap of the square root of five parent of golden section as times three the reciprocal

of pi this times four then relates the value of phi to pi in the cycle.



371k1

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Metamorphosis and Decomposition

Extra Dimensional Correspondence

the quantum degrees of freedom in the book keeping of the particles perhaps suggests the frame density composition also decomposes to compare higher dimensional and quantum difficulty of visualization as actually perhaps correlation on the entity resonant to the setback...

per expansion of polyhedron surface

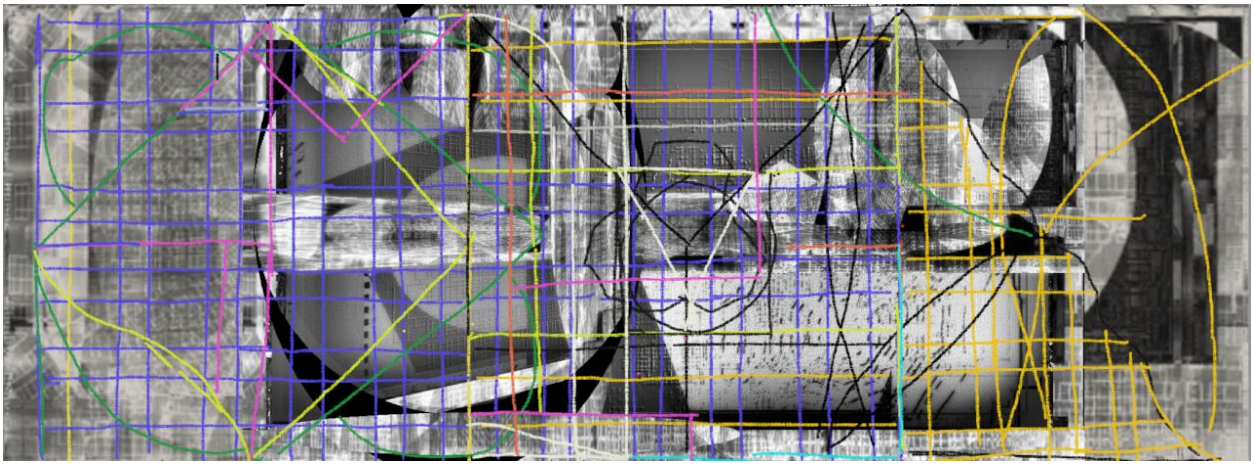
that is interesting as the point to base tension which other wise guides

polytope expansion here in place gives an inelastic guide as similary to parallel transport to an apeirogon and has resonance to Geod combinatoric and Ricci wave as decompositions suggesting a model potentially of higher dimensions stating a correspondence to frame density of thinking quantum presence.

Metamorphosis and Decompositional Correspondence of Gravity as a Fluid Crystal

In the drawing I have generalized the nematic knots approach to staging dimensional bookkeeping to odd numbers of crossings as book keeping as a piecewise entry on the dimensions while relating the idea of higher dimensions as density frame of a take on quantum by which the difficulty visualization to either in fact becomes a form of correspondence… and have taken twist and splay counting as a projection mediated between quatrefoil and trefoil where

the trefoil position both polytopes as counting and also a y-cleft splay of E, Pi and phi as interaction on each other in multiplication and division cycles over the information... the fluidity pertains to taking the value of G or gravity constant as .149 and bringing it piecewise into the phi base as .149 times 3 is .4472 or square root of golden section and to negative two is .388 is 2.578 where .578 is square root of three reciprocal and .388 plus .5 (where a diamond matrix creates a .5 referent) is .788 or inverse square root of golden section.. giving over gravity here as a kind of fluid crystal



371L2

in the interests of looking into a kind of next Langlands has there been any formal studies into relating higher dimensions as such to the coherent vacuum of the pre Expansion and pre gluon absolute Quantum in relation to toy world modelling in condensed materials toward that singular matter wave condensate beyond the first tier of bose Eeinstien condensates yielding gluon soup and/or mathematical ventures?

A Correspondence between Fragments: in a kind of reverse analogy of the “fragments of Hereclitus wherein that authors ideas on flux arrive in partial form per the original document there is a thematic fragmentation to approach in the general theme of flux orientation via constructing a kind of next Langlands over the correspondence between higher dimensions and the understanding of the pre Expansion, pre Gluon, Absolute Quantum per cohernent singular matter wave state of that initial vacua... so one does in fact have this thought experiment...

As a position on the world diagonal of the world sheet will map as a point on the world line the correspondence in the Langlands likewise meets the EP of its evolution which studying to its success as relating geometry

to mathematics in AdSCFT model has also in the history of qualified Hamiltionian to Shroeding Hilbert clarification , to bundles become tangles and clarification of Shamira to Kovenovov catetoryification and example of Moduli bundles withing the langlands towards that effectively it becomes the case the Langands mathematics to Galois become in the Geometricl Langlands gradually also an grouping where the mathematical becomes more geometrical and thus the Ep quality refers to origins again at this point by which in the spirit of Goedel mapping over creation now of dimensions the case has been of the Quantum in pre expansion, pre space gluon etc that slight imperfections create entanglement and this as grouping over expansion finds degrees of entanglement defining special

extension...dimensions then become the halfway house of entanglement just as Zeta in Riemann complex space is a halfway house and the world line to world sheet diagonal a halfway house the question as to how a dimension groups seems to be the new Langlands at this point ie what is the correspondence between a dimension as such and how we come to call it that... for string vaccua to embed as dimensions Is an evolution over the distinction while yet also the idea of a dimension may or may not gradually evolve, that would be the question essentially of the correspondence? In correlalting the quantum to dimensions in the sense of degrees of freedom are we yet clear about that correspondence we implicitly make in the mapping of the mapping which thus far has enabled the

category theory of the Lanlands modular stack to represent progress in creating the halfway house...?

Quantum Harmonic Oscillator :Correspondence and Dimension as Uncertainty and Incompleteness Halfway-House and Dirac Comb of the Built Environment

There is an inverse mode of higher dimensional printing in the correspondence between multiscale entanglement renormalizing ansatz MERA and the Langlands where the former by “disentangle” permits entangled degrees of freedom by design, in a pull push mode while the Langlands similarly through Heck vectors pulls information aside, modifies, and pushes forward thus giving the design model to present to the Mera…in the process the idea of printing has in a way printed itself in reverse…

coherent sheaves can match the Langlands to coherent vacua, that is as the rhetorical "alloysis" the forgetfull functor is an alloy or the degree of entanglement claiming space categorically advanced to something like the disentangler of quantum harmonic oscillator input per multi scale entanglement renormalization ansatz

MERA Multi Scale Entanglement Renormalization Ansatz as the Third Langlands Correspondence

The relation of Langlands in AdS/CFT as introducing and solving in higher dimensions and then returning was born of the first phase relating arithmetic to Galois Groups and then in Geometric Langlands the the automorphic to spectral which finds the Hecke operators as the Correspondence to MERA as the first is designed to loosen entanglement and coarse graining in a pull of the disentangling then pushing the greater quantum degrees of freedom while the Langlands introduces variation pulled into the moduli stack selection and then pushed forward as the design structure for the MERA... The extended interest of this is that dimensions

from origins in pre space pre cosmogenic quantum are entangled via no-space, slight differences become entanglement and the force of entanglement gradually in cosmogenesis establishes distance and distance geometry… the familiarity with inverse square law and naturalness of square roots gives us a mathematical view on apriorism structure which is not the case, but familiarity with dimensions through 11 holds fairly paradigm. While higher dimensions enter that original mold of evolving and thus one could say dimensions are the halfway house of the quantum lensed in complex relations and inverse square law etc. In Categorical holographic terms it is more like an Apeirogon receiving parallel transport…the idea of higher dimension imprinting weak trace becomes also inverse to the process as

shown between the Hecke vectors and detanglers...

371m3

As the infinite Print becomes drawing in the photon minus mirror recent experiment of truncating photon ie removal of mirror removing the cloud of quasi particle and replacing with electromagnetic excitations thus photons

Is then the reverse mirroring process of MERA (multi scale entanglement renormalization ansatz... the photon removal of mirror draws out an infinite excitation thinking globally while the MERA disentanglement localizes the process... of interest this in the way the infinity modelling of the photon gives a kind of positive print of the Absolute Pre Quantum entanglement state.. and viewing the nature of the Higgs blind spot which accomplished the electro weak separation thus photon the specific angle of the blind spot as weak theta

or the Weinberg angle is if multiplied seven the golden section… the golden section poses unity to both part and detail thus acting as a bit like form or zero thus possible the Higgs read this overlap as its blind spot…

The Fine Constant and Phi Mirrors on Weak Theta and the Higgs Blind Spot

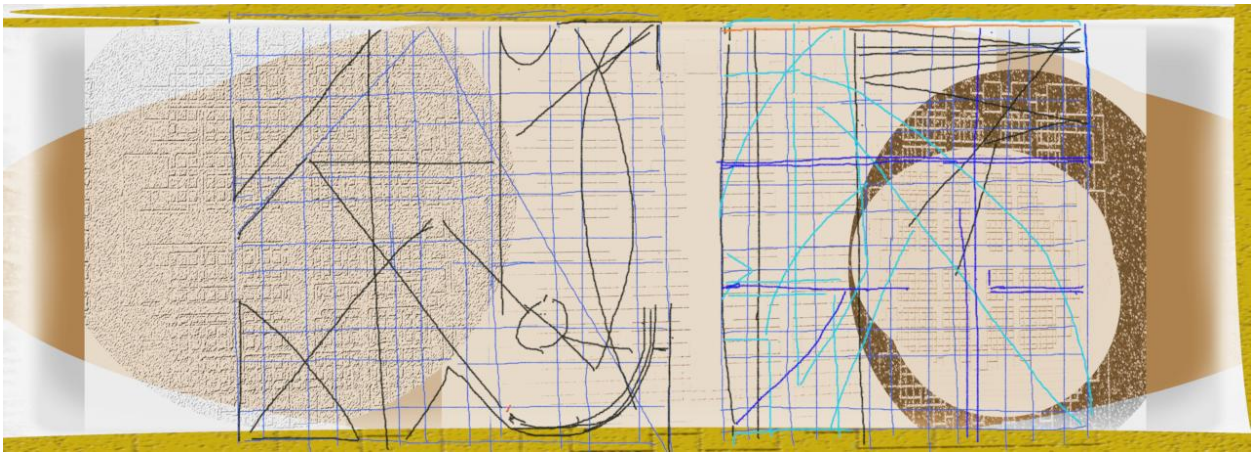
Drawing: here places shaping modes across adjacencies so that time involvement decomposes to act like disentangling and adding information... these as multiples and relating become monadic or k-dimensional n-theory...ie a stacking procedure affecting the group structure which can be modified and then directed to normalizations which themselves enter the stacking process...

The drawing relates the value of the fine constant which as .0073 can be show in relation to an invertible golden section series and also in relation to weak theta the Weinberg angle which times seven is the golden section... the relation of the phi value

is that by relating unity to part and whole that serves as a bit or zero that the Higgs takes as the blind spot creating the electromagnetic parting.. and we have seen that as a mirror is removed from a photon reflecting the photons stream of quasiparticle dressing is related instead to the electro magnetic field which then give a coupling into infinity values and the fine structure constant .0073 can be related to a series .0073, .073,.73, .703, .7003 of which we discern .2997 or c speed of light in this context is the complement of .7003 and .2997 is the square root of two as three times the golden section value .146 that being the third turn of the spiral and .708 with .707 giving complex splitting values for the square root of two...which always defines towards mass... the rest of the series likewise relates as .073 times three is .146, .73 times

two is 1.46 or ten times the .146 value and and the square root of three as 1.73 relates as well, .703 to neg 2 is 1.18 times two is 2.36 or ten times .236 the third turn of spiral. And .7003 is in reciprocal 1.427 times two is 2.854 or in reciprocal .35 complement of .65 which as 1.5393 is unity plus the reciprocal of unity plus the golden section module...

The aspect of the infinite explosion of mirroring can be compared to an inverse version in the MERA process where infinite entanglement is given “untanglers” to create finer graining and in relation to this the Langlands Hecke vectors analyze through a kind of selecting and splicing the values of interest that may be propose to the MERA in say compressed material construction of higher topos constructor mode.



371n3

To visualize pre cosmogenic space one could generalize the idea of a torus to relating a circle w. central slight flaw and in the non spatial context relate to an apeirogon as a mapping procedure where the continuous mapping is taking the idea of entanglement as a no-clone yet entanglement categorical analogy l become a zero dimensional drawing or drawing out of the mapping and relating this to a commutator enable the continuous generalization but interestingly then via multiple commutators say three these would suggest three emergent dimensions which would be the watershed for subsidiary also emergent...then the subsequent quantum matrices take up the rotational gates and at the same time the

influence of the commutators is to create Wilson loop like form as the parallel transport..

if I compare fuzzy numbers to fuzzy spheres and their correspondence do i arrive at a kind of ep in modified terms of coelescence and is the fuzzy sphere closer a pixel and the fuzzy number a quantum dot..?

Quantum Inertial Toroid from Initial Conditions to Exotic Parametric Surface Reviewing Time Cone to the Tensions on Dimension.

I construct a golden Hermitian grid (out of differentials) of which the surface can evenly divide by .0156 the simplified Plank thus giving a kind of analogy to compressed materials lattice very broadly speaking, and consider a model of fast pulsed special rifled pinched toroid conceptual as being a cone toroid centered and Casimir plate and base Josephson junction as ideals for damping or superconductor activity but simplify that idea to a quantum torus model geometrically as a study ideal for relating the pre cosmogenic pre expansion absolute quantum as being

slight imperfections resulting in entanglement as apriori alternative to space...whereupon in expansion mode the degree of entanglement influences distance construct and geometry and space emergent.. a triangular martrix to base can be constructed and its diagonals from base will add .303 to .707 and .303 times two as .606 will be the reciprocal of e square... and .606 is in reciprocal 1.5393 or unity plus the reciprocal of 1.854 which is three times the golden section giving a triad to compare with .303 plus .505 as .808 aprox .809 and times two the golden section as dyad

If I place diamond shape through the whole field this will give in its interior construction half ratios of the whole... then considering that ratio .707 to unity as the abstract torus it

is in the diamond that the half ratios of .0156 will be .0078 or .0073 approx the find structure constant and to negative three the complement of the square root of two where considering a series .0073, .073,.73, .7003 the last is the complement of .2997 speed of light in the unitary composition to 1....and the other members of the series relate to the goldens section spiral intervals ie .073 times two is .146 fourth turn of spiral etc... then relating these terms to a ycleft form relating pi, e, and the golden section as commutators these would seem to relate an ikkt mode of which then where these mark out a relation of torus to apeirogon as entering non commutative higher topos the ratios considered over this be in the mode of a parametric surface then. It is also true that the relation of the fine structure index as

splitting from half the Planck can be ordered within the quadrants via quatrefoils the the ration .7003 then relates to an affine algebra of golden section suffixes these all conserving a tenfold as .0019, .0028,.0037, .0046,.0055 .0064, .0055 .0044 .0037,.0028, .0019 relating to the golden section as the reciprocal of the square root of ten plus the reciprocal of the square root of 11, and the bit like structure relating unity to parts and wholes which occasion the Higgs to have a blind spot to this mirror at the special Weinber ration .231 which times seven is the goldens section thus this dynamic of bit form and mirroring from the electro weak separation building the cosmogenesis of the number line and the entanglement structure of quantum siting to the effective realization of quantum randomness to deterministic

chaos as the essential Non-equation equation and mapping of the mapping in categorical complexity where an infinite print becomes a drawing through all complex mirrors and null sets...

37o1

Constructed bundles

Sections

Diract Sections/spinors

Fiber bundles

Section of a spinor bundle is a Spinro

→Fermion Field

IkkT

MERA Multi Scale Entanglemetnt Renormalization Ansatz

Disentanglers

Radon Transorm

Hecke operator

Push Pull

Bogoliubov transform tug on quantum field

Parametric down conversion photons

Vacuum sharp edge excitation

Dressed particles

Apeirogon

Torus

p-associated spin manifold of spinor

Dirac operator acts on section of Bundle

Wilson Loop

Moyal tar a modular categories over bi algebras as a monoidal deformation of the symmetric category

Hecke Eigensheaf

Hecke operator

Slice dependent product of catetory

Fuzzy sphere

Fuzzy number

Hopfion

UV/IR

Observed/unobserved(universe)

Wave and Trough Chiaroscuro Parametric Down Conversion of the Observed and Unobserved Universe...

The UV/ IR split of the Planck Bifurcation to Fine Structure Constant from Phi Base.

In terms of the slit screen experiment and its relation also to black holes sensing incoming matter does the oscilatory harmonic over wave sets have a certain coherence to the stiffening of field between the quantum object states of room and ray meeting enforcing a Pascals pyramid like or Cantor tree display of the stiffening as its own structural pattern?

Soft and hard edged abstraction... the fringe of the slit screen experiment reflects on the

wave sets and the wavicle or general field before a measure creates the zero dimension particle ie a hard line. It is interesting to compare with recent experiment with mirror removed from reflecting photons where the stream of quasiparticles meets a magnetic field at the removal in which they become real photons... and in this the value is hard edged as the missing edge is compensated...

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an artist can paint because of electromagnetic stimulation of photons stimulating sight and give a visual record of the form but the form was there before the light... movement may be kinetic, like a dancer or in place like a sculpture therefore in applying deterministic modes of thought

we must have the back reaction of realizing quantum fields have no shape or size therefore the pull of their existance is exactly that, which is why measuring them raises issues of cognition.. we define in our minds by a notion of motion that which exists simply by meeting itself and how we think that is by design... as Heidegger put the question "what is a thing"...per Einsteins "think things"... one consults the thinking eye...

String Pitch Operads w. UV \IR Orientation in the Many Bodied Drawing

The orientation of the Drawing is to relate the available golden section grid as it distribute to two sets of number responsive to Grothiendieck analytic. Where: the Phi base drawing has surface division available to Planck scale .0156 as surface even division of square and this in relation to the suffixes of the Phi differentials in a patter of ten fold to .0019, .0082, .0073 ....etc... There is a concurrent theme of the triangulation that takes place in sparse diagrams ie Extender graphing and the particular recourse of the Grothiedieck bundle which in in categorical terms and resonates with my prior interest if relating commutators of E, Pi and golden section to higher topos design through the

graphing mode of MERA or multi scale renormalization Ansatz: in my case a series of normalization follow as jet like distribution of independent functions, centroids, toroids, Triangular matrices, mapping on the diagonal, mapping on the drawing edges holographically, and essentially then I relate the suffixes of the golden section meeting the .0156 divisions and multiples as a relation of UV to IR which has an attractor mode of projection in the transforms...

371q2